

Combined Index to USP 40 and NF 35, Volumes 1–4

Page citations refer to the pages of Volumes 1, 2, 3, and 4 of USP 40–NF 35. This index is repeated in its entirety in each volume.

1–2526 Volume 1
2527–4740 Volume 2
4741–6778 Volume 3
6779–7969 Volume 4

Numbers in angle brackets such as <421> refer to chapter numbers in the General Chapters section.

A

- Abacavir
 oral solution, 2527
 sulfate, 2531
 tablets, 2528
 and lamivudine tablets, 2529
- Abiraterone
 acetate, 2532
 acetate tablets, 2534
- Absolute
 alcohol, 2329
 ether, 2327
- Absorbable
 dusting powder, 3926
 gelatin film, 4384
 gelatin sponge, 4384
 surgical suture, 6296
- Absorbent
 cotton, 2327
 gauze, 4382
 odorless paper, 2375
- Acacia, 7495
 syrup, 7495
- Acarbose, 2536
- Acebutolol hydrochloride, 2537
 capsules, 2538
- Acepromazine maleate, 2540
 injection, 2541
 tablets, 2542
- Acesulfame potassium, 7496
- Acetal, 2327
- Acetaldehyde, 2327
 TS, 2411
- Acetaminophen, 2542
 aspirin and caffeine tablets, 2550
 and aspirin tablets, 2549
 butalbital and caffeine capsules, 3090
 butalbital and caffeine tablets, 3091
 and caffeine tablets, 2551
 capsules, 2544
 and (salts of) chlorpheniramine,
 dextromethorphan, and
 pseudoephedrine, capsules containing at
 least three of the following, 2552
 and (salts of) chlorpheniramine,
 dextromethorphan, and
 pseudoephedrine, oral powder
 containing at least three of the
 following, 2555
 and (salts of) chlorpheniramine,
 dextromethorphan, and
 pseudoephedrine, oral solution
 containing at least three of the
 following, 2557
 and (salts of) chlorpheniramine,
 dextromethorphan, and
 pseudoephedrine, tablets containing at
 least three of the following, 2559
 chlorpheniramine maleate, and
 dextromethorphan hydrobromide
 tablets, 2561
 and codeine phosphate capsules, 2563
 and codeine phosphate oral solution, 2564
 and codeine phosphate oral suspension,
 2565
 and codeine phosphate tablets, 2566
 dextromethorphan hydrobromide,
 doxylamine succinate, and
 pseudoephedrine hydrochloride oral
 solution, 2567
 and diphenhydramine citrate tablets, 2569
 diphenhydramine hydrochloride, and
 pseudoephedrine hydrochloride tablets,
 2570
 and hydrocodone bitartrate tablets, 4501
 isometheptene mucate, and
 dichloralphenazone capsules, 4692
 and oxycodone capsules, 5516
 and oxycodone tablets, 5517
 and pentazocine tablets, 5625
 and pseudoephedrine hydrochloride
 tablets, 2571
 oral solution, 2545
 for effervescent oral solution, 2545
 suppositories, 2546
 oral suspension, 2547
 tablets, 2547
 extended-release tablets, 2548
 and tramadol hydrochloride oral
 suspension, 6538
 and tramadol hydrochloride tablets, 2572
- Acetanilide, 2327
- Acetate
 methyl, 2370
 Acetate buffer, 2340
 TS, 2411
- Acetazolamide, 2577
 for injection, 2578
 oral suspension, 2579
 tablets, 2579
- Acetic acid, 2328, 7497
 ammonium acetate buffer TS, 2412
 diluted, 2328, 2353, 7497
 double-normal (2 N), 2424
 glacial, 2328, 2361, 2580
 glacial, TS, 2412, 2415
 and hydrocortisone otic solution, 4510
 irrigation, 2581
 metaphosphoric, TS, 2418
 otic solution, 2581
 strong, TS, 2412
 1 M TS, 2411
 2 M TS, 2412
- Acetic acid in peptides, 393
- Acetic anhydride, 2328
- Acetohexamide, 2581
 tablets, 2582
- Acetohydroxamic acid, 2582
 tablets, 2583
- Acetone, 2328, 7498
 anhydrous, 2328
 buffered, TS, 2328, 2412, 2413
- Acetonitrile, 2328
 spectrophotometric, 2328
- Acetophenone, 2328
- p-Acetotoluidide, 2328
- Acetylacetone, 2328
- Acetyl chloride, 2328
- Acetylcholine chloride, 2328, 2584
 for ophthalmic solution, 2585
- Acetylcysteine, 2586
 and isoproterenol hydrochloride inhalation
 solution, 2587
 solution, 2586
- N-Acetylglucosamine, 6781
- 3-Acetylthio-2-methylpropanoic acid, 2328
- Acetyltributyl citrate, 7499

Acetyltriethyl citrate, 7499
 N-Acetyltyrosine, 6782
 N-Acetyl-L-tyrosine ethyl ester, 2329

Acid

acrylic, 2329
 alpha lipoic, 7076
 dehydroacetic, 7630
 ferric chloride TS, 2412
 ferrous sulfate TS, 2412
 iminodiacetic, 2365
 stannous chloride TS, 2412
 stannous chloride TS, stronger, 2412
 Acid-neutralizing capacity (301), 316
 Acidulated phosphate and sodium fluoride
 topical solution, 6190
 Acitretin, 2588
 capsules, 2589
 Acoustic emission (1005), 832
 Acrylic acid, 2329
 Activated
 alumina, 2329
 charcoal, 2329, 3344
 magnesium silicate, 2329
 Acyclovir, 2591
 capsules, 2592
 for injection, 2592
 ointment, 2593
 oral suspension, 2594
 tablets, 2595
 Adamantane, 2329
 Adapalene, 2596
 gel, 2598
 Ademetionine disulfate tosylate, 6783
 Adenine, 2600
 sulfate, 2329
 Adenosine, 2600
 injection, 2601
 Adipic acid, 2329, 7500
 Admissions
 to NF 35, 7483
 to USP 40, xxxiii
 Adulteration of dietary supplements with
 drugs and drug analogs (2251), 2285

Aerosol

Bacitracin and polymyxin B sulfate topical,
 2939
 Benzocaine, butamben, and tetracaine
 hydrochloride topical, 2979
 Benzocaine and menthol topical, 2981
 Benzocaine topical, 2970
 Betamethasone dipropionate topical, 3005
 Dexamethasone sodium phosphate
 inhalation, 3679
 Dexamethasone topical, 3671
 Epinephrine bitartrate inhalation, 4002
 Epinephrine inhalation, 3999
 Ergotamine tartrate inhalation, 4023
 Fluticasone propionate and salmeterol
 inhalation, 4303
 Fluticasone propionate inhalation, 4288
 Inhalation and nasal drug products:
 aerosols, sprays, and powders—
 performance quality tests (601), 472
 Isoetharine mesylate inhalation, 4686
 Isoproterenol hydrochloride inhalation,
 4700
 Isoproterenol hydrochloride and
 phenylephrine bitartrate inhalation, 4702
 Isoproterenol sulfate inhalation, 4705
 Lidocaine topical, 4845
 Metaproterenol sulfate inhalation, 5040

Polymyxin B sulfate and bacitracin zinc
 topical, 5752
 Povidone-iodine topical, 5793
 Terbutaline sulfate inhalation, 6375
 Thimerosal topical, 6439
 Tolnaftate topical, 6517
 Triamcinolone acetonide topical, 6559

Agar, 2329, 7501
 Agarose, 2329
 Air, medical, 2602
 Air-helium certified standard, 2329
 Alanine, 2603
 L-Alanyl-L-glutamine, 6784
 Albendazole, 2604
 oral suspension, 2604
 tablets, 2605
 Albumen TS, 2412
 Albumin
 bovine serum, 2329
 human, 2606
 rAlbumin human, 7502
 Albuterol, 2606
 sulfate, 2611
 tablets, 2607
 extended-release tablets, 2608
 Alclometasone dipropionate, 2612
 cream, 2613
 ointment, 2614
 Alcohol, 2329, 2615
 70 percent, 80 percent, and 90 percent,
 2329
 absolute, 2329
 aldehyde-free, 2329
 alpha-(2-(methylamino)ethyl)benzyl, 2330
 amyl, 2329
 tert-amyl, 2329, 2333, 2365
 butyl, 7544
 dehydrated, 2329, 2349, 2616
 dehydrated isopropyl, 2329
 denaturated, 2329
 denaturated, TS, 2414
 determination (611), 503
 in dextrose injection, 2619
 diluted, 2329, 7504
 injection, dehydrated, 2618
 isobutyl, 2329
 isopropyl, 2329
 methyl, 2329
 neutralized, 2329, 2373
 phenol TS, 2412
 n-propyl, 2330
 rubbing, 2619
 secondary butyl, 2330
 tertiary butyl, 2330
 Alcoholic
 ammonia TS, 2412
 mercuric bromide TS, 2412
 potassium hydroxide TS, 2412
 potassium hydroxide TS 2, 2420
 TS, 2412
 Alcoholometric table, 2523
 Aldehyde dehydrogenase, 2330
 Alendronate sodium, 2620
 tablets, 2622
 Alfadex, 7505
 Alfentanil
 hydrochloride, 2623
 injection, 2624
 Alfuzosin hydrochloride, 2625
 extended-release tablets, 2626
 Alginates assay (311), 317
 Alginate acid, 7506

Alizarin complexone, 2330
 Alkaline
 borate buffer, 2340
 cupric citrate TS, 2412
 cupric citrate TS 2, 2412
 cupric iodide TS, 2412
 cupric tartrate TS, 2412
 mercuric-potassium iodide TS, 2412
 phosphatase enzyme, 2330
 picrate TS, 2412
 pyrogallol TS, 2420
 sodium hydrosulfite TS, 2412
 Alkyl (C12-15) benzoate, 7507
 Alkylphenoxypolyethoxyethanol, 2330
 Allantoin, 2631
 Allopurinol, 2632
 oral suspension, 2634
 tablets, 2634
 Allyl isothiocyanate, 2635
 Almond oil, 7507
 Almotriptan
 tablets, 2638
 Almotriptan malate, 2635
 Aloe, 2639
 Alpha
 lipoic acid, 7076
 Alpha-chymotrypsin, 2330
 Alpha cyclodextrin hydrate, 2330
 Alpha-(2-(methylamino)ethyl)benzyl alcohol,
 2330
 Alphanaphthol, 2330
 Alphazurine 2G, 2407
 Alprazolam, 2641
 oral suspension, 2642
 tablets, 2642
 extended-release tablets, 2644
 orally disintegrating tablets, 2648
 Alprenolol hydrochloride, 2330
 Alprostadil, 2649
 injection, 2652
 Alteplase, 2652
 for injection, 2655
 Alternative microbiological sampling methods
 for nonsterile inhaled and nasal products
 (610), 501
 Altretamine, 2658
 capsules, 2658
 Alum, 2330
 ammonium, 2330, 2659
 potassium, 2381, 2660
 Alumina, 2330
 activated, 2329, 2330, 2333
 anhydrous, 2330
 aspirin, codeine phosphate, and magnesia
 tablets, 2883
 aspirin, and magnesia tablets, 2877
 aspirin, and magnesium oxide tablets,
 2878
 magnesia, and calcium carbonate
 chewable tablets, 2663
 magnesia, calcium carbonate, and
 simethicone chewable tablets, 2664
 magnesia, and calcium carbonate oral
 suspension, 2662
 magnesia, and simethicone oral
 suspension, 2666
 magnesia, and simethicone chewable
 tablets, 2668
 and magnesia oral suspension, 2660
 and magnesia tablets, 2661
 magnesium carbonate, and magnesium
 oxide tablets, 2671
 and magnesium carbonate oral suspension,
 2669
 and magnesium carbonate tablets, 2670

- Alumina (*continued*)
 and magnesium trisilicate oral suspension, 2672
 and magnesium trisilicate tablets, 2673
- Aluminon, 2330
- Aluminum, 2330
 acetate topical solution, 2674
 chloride, 2674
 chlorohydrate, 2675
 chlorohydrate solution, 2676
 chlorohydrate polyethylene glycol, 2677
 chlorohydrate propylene glycol, 2678
 dichlorohydrate, 2678
 dichlorohydrate solution, 2679
 dichlorohydrate polyethylene glycol, 2681
 dichlorohydrate propylene glycol, 2681
 hydroxide gel, 2682
 hydroxide gel, dried, 2682
 hydroxide gel capsules, dried, 2683
 hydroxide gel tablets, dried, 2683
 monostearate, 7509
 oxide, 7510
 oxide, acid-washed, 2330
 phosphate gel, 2684
 potassium sulfate, 2331
 sesquichlorohydrate, 2684
 sesquichlorohydrate solution, 2685
 sesquichlorohydrate polyethylene glycol, 2685
 sesquichlorohydrate propylene glycol, 2686
 subacetate topical solution, 2686
 sulfate, 2687
 sulfate and calcium acetate tablets for topical solution, 2688
 zirconium octachlorohydrate, 2689
 zirconium octachlorohydrate solution, 2690
 zirconium octachlorohydrate gly, 2691
 zirconium octachlorohydrate gly solution, 2692
 zirconium pentachlorohydrate, 2693
 zirconium pentachlorohydrate solution, 2694
 zirconium pentachlorohydrate gly, 2695
 zirconium pentachlorohydrate gly solution, 2696
 zirconium tetrachlorohydrate, 2697
 zirconium tetrachlorohydrate solution, 2698
 zirconium tetrachlorohydrate gly, 2699
 zirconium tetrachlorohydrate gly solution, 2700
 zirconium trichlorohydrate, 2701
 zirconium trichlorohydrate solution, 2702
 zirconium trichlorohydrate gly, 2703
 zirconium trichlorohydrate gly solution, 2704
- Aluminum (206), 260
- Aluminum sulfate
 and calcium acetate for topical solution, 2687
- Amantadine hydrochloride, 2705
 capsules, 2706
 oral solution, 2707
- Amaranth, 2331
 TS, 2412
- Amcinonide, 2707
 cream, 2708
 ointment, 2709
- American ginseng, 6786
 capsules, 6790
 extract, powdered, 6789
 powdered, 6787
 tablets, 6792
- Amifostine, 2709
 for injection, 2710
- Amikacin, 2712
 sulfate, 2713
 sulfate injection, 2714
- Amiloride hydrochloride, 2714
 and hydrochlorothiazide tablets, 2717
 tablets, 2715
- Amiloxate, 2719
- Aminoacetic acid, 2331
- 4-Aminoantipyrine, 2331
- Aminobenzoate
 potassium, 2720
 potassium capsules, 2722
 potassium for oral solution, 2723
 potassium tablets, 2724
 sodium, 2724
- Aminobenzoic acid, 2725
 gel, 2726
 topical solution, 2727
- p*-Aminobenzoic acid, 2331
- 2-Aminobenzonitrile, 2331
- Aminocaproic acid, 2727
 injection, 2728
 oral solution, 2728
 tablets, 2729
- 4-Amino-6-chloro-1,3-benzenedisulfonamide, 2331
- 4-Amino-2-chlorobenzoic acid, 2331, 2346
- 2-Amino-5-chlorobenzophenone, 2331, 2346
- 7-Aminodesacetoxycephalosporanic acid, 2331
- 2-Aminoethyl diphenylborinate, 2331
- 1-(2-Aminoethyl)piperazine, 2331
- Aminoglutethimide, 2729
 tablets, 2731
- Aminoguanidine bicarbonate, 2331
- 2-Aminoheptane, 2331
- N*-Aminohexamethyleneimine, 2331
- Aminohippurate sodium injection, 2732
- Aminohippuric acid, 2732
- 4-Amino-3-hydroxy-1-naphthalenesulfonic acid, 2331, 2331
- Aminolevulinic acid
 hydrochloride, 2733
- Amino methacrylate copolymer, 7511
- 1,2,4-Aminonaphtholsulfonic acid, 2331
- Aminonaphtholsulfonic acid TS, 2412
- Aminopentamide sulfate, 2734
 injection, 2734
 tablets, 2735
- 2-Aminophenol, 2331
- 4-Aminophenol in acetaminophen-containing drug products (227), 288
- m*-Aminophenol, 2331
- p*-Aminophenol, 2332
- Aminophylline, 2735
 injection, 2737
 oral solution, 2739
 rectal solution, 2741
 suppositories, 2742
 tablets, 2742
 delayed-release tablets, 2744
- 3-Amino-1-propanol, 2332
- 3-Aminopropionic acid, 2332
- Aminosalicylate sodium, 2745
 tablets, 2747
- Aminosalicylic acid, 2748
 tablets, 2750
- 3-Aminosalicylic acid, 2332
- Amiodarone
 hydrochloride injection, 2753
- Amiodarone hydrochloride, 2751
 oral suspension, 2755
- Amitraz, 2756
 concentrate for dip, 2757
- Amitriptyline hydrochloride, 2758
 and chlordiazepoxide tablets, 3358
 injection, 2759
 and perphenazine tablets, 5652
 tablets, 2759
- Amlodipine
 oral suspension, 2760
 and benazepril hydrochloride capsules, 2761
 and valsartan tablets, 2763
 valsartan and hydrochlorothiazide tablets, 2767
- Amlodipine besylate, 2772
 tablets, 2773
- Ammonia
 alcoholic TS, 2412
 detector tube, 2332
 N 13 injection, 5369
 nitrate TS, silver, 2420
 solution, diluted, 2332
 solution, strong, 7513
 spirit, aromatic, 2775
 TS, 2332, 2412
 TS 2, 2412
 TS alcoholic, 2412
 TS stronger, 2412
 water, stronger, 2332, 2395, 2412
 water, 25 percent, 2332
- Ammonia-ammonium chloride buffer TS, 2412
- Ammoniacal potassium ferricyanide TS, 2412
- Ammonia-cyanide TS, 2412
- Ammoniated cupric oxide TS, 2412
- Ammonio methacrylate copolymer, 7513
 dispersion, 7515
- Ammonium
 acetate, 2332
 acetate TS, 2412
 alum, 2659
 bicarbonate, 2332
 bisulfate, 2332
 bromide, 2332
 carbonate, 2332, 7516
 carbonate TS, 2412
 carbonate TS 2, 2412
 chloride, 2332, 2775
 chloride-ammonium hydroxide TS, 2412
 chloride injection, 2775
 chloride, potassium gluconate, and potassium citrate oral solution, 5781
 chloride delayed-release tablets, 2776
 chloride TS, 2412
 citrate, dibasic, 2332, 2350
 citrate, ferric, 2776
 citrate for oral solution, ferric, 2777
 dihydrogen phosphate, 2332
 fluoride, 2332
 formate, 2332
 glycyrrhizate, 7516
 hydroxide, 2332
 hydroxide 6 N, 2332
 molybdate, 2332, 2777
 molybdate injection, 2778
 molybdate TS, 2413
 nitrate, 2332
 nitrate, ceric TS, 2413
 nitrate TS, silver, 2420
 oxalate, 2332
 oxalate TS, 2413
 persulfate, 2332
 phosphate, 7517
 phosphate, dibasic, 2332, 2351
 phosphate, dibasic, TS, 2413

Ammonium (*continued*)
 phosphate, monobasic, 2332
 polysulfide TS, 2413
 pyrrolidinedithiocarbamate, 2332
 pyrrolidinedithiocarbamate, saturated, TS, 2413
 reineckate, 2332
 reineckate TS, 2413
 sulfamate, 2332
 sulfate, 2332, 7518
 sulfate, cupric TS, 2414
 sulfate, ferric TS, 2415
 sulfide TS, 2413
 thiocyanate, 2332
 thiocyanate, tenth-normal (0.1 N), 2424
 thiocyanate TS, 2413
 vanadate, 2332
 vanadate TS, 2413
 Ammonium hydroxide
 1 M TS, 2413
 2 M TS, 2413
 Amobarbital sodium, 2779
 for injection, 2779
 and secobarbital sodium capsules, 6133
 Amodiaquine, 2780
 hydrochloride, 2781
 hydrochloride tablets, 2781
 Amoxapine, 2782
 tablets, 2784
 Amoxicillin, 2785
 boluses, 2786
 capsules, 2787
 and clavulanate potassium for oral suspension, 2791
 and clavulanate potassium tablets, 2792
 and clavulanic acid extended-release tablets, 2793
 for injectable suspension, 2788
 intramammary infusion, 2787
 oral suspension, 2788
 for oral suspension, 2789
 tablets, 2789
 tablets for oral suspension, 2790
 Amphetamine
 sulfate, 2796
 sulfate tablets, 2797
 Amphotericin B, 2798
 cream, 2799
 for injection, 2799
 lotion, 2799
 ointment, 2800
 Ampicillin, 2800
 boluses, 2805
 capsules, 2806
 for injectable suspension, 2808
 for injection, 2807
 and probenecid for oral suspension, 2811
 sodium, 2812
 soluble powder, 2808
 and sulbactam for injection, 2813
 for oral suspension, 2809
 tablets, 2810
 Amprolium, 2814
 soluble powder, 2814
 oral solution, 2815
 Amyl
 acetate, 2329, 2333, 2365
 alcohol, 2333
 nitrite, 2815
 nitrite inhalant, 2816
 α -Amylase, 2333
 Amylene hydrate, 7519
tert-Amyl alcohol, 2333
 Anagrelide
 capsules, 2818

hydrochloride, 2816
 Analysis of biological assays (1034), 950
 Analytical data—interpretation and treatment (1010), 836
 Analytical instrument qualification (1058), 1137
 Analytical procedures for recombinant therapeutic monoclonal antibodies (129), 221
 Anastrozole, 2819
 tablets, 2820
 Ancillary materials for cell, gene, and tissue-engineered products (1043), 982
 Andrographis, 6793
 extract, powdered, 6797
 powdered, 6795
 Anethole, 7519
 (*E*)-Anethole, 2333
 Angustifolia
 extract, powdered echinacea, 6928
 powdered echinacea, 6926

Anhydrous

acetone, 2328
 alumina, 2333
 barium chloride, 2333
 calcium chloride, 2333
 calcium phosphate, dibasic, 3151
 citric acid, 3454
 cupric sulfate, 2333
 dibasic sodium phosphate, 2333
 magnesium perchlorate, 2333
 magnesium sulfate, 2333
 methanol, 2333
 potassium carbonate, 2333
 sodium acetate, 2333
 sodium carbonate, 2333
 sodium phosphate, monobasic, 2393
 sodium sulfate, 2333
 sodium sulfite, 2333

Anileridine, 2822
 hydrochloride, 2824
 hydrochloride tablets, 2824
 injection, 2823
 Aniline, 2333
 blue, 2333
 sulfate, 2333
 Animal drugs for use in animal feeds (1152), 1568
 Anion-exchange resin
 strong, lightly cross-linked, in the chloride form, 2333
 50- to 100-mesh, styrene-divinylbenzene, 2333, 2396
 styrene-divinylbenzene, 2333
p-Anisaldehyde, 2334
 Anise oil, 7521
p-Anisidine, 2334
 Anisole, 2334
 Annotations
 to NF 35, 7484
 to USP 40, xxxvi
 Antazoline phosphate, 2825
 Anthracene, 2334
 Anthralin, 2826
 cream, 2827
 ointment, 2828
 Anthrax vaccine adsorbed, 2828

Anthrone, 2334
 TS, 2413
 Antibiotics—microbial assays (81), 143
 Anticoagulant
 citrate dextrose solution, 2832
 citrate phosphate dextrose solution, 2833
 citrate phosphate dextrose adenine solution, 2834
 heparin solution, 4474
 sodium citrate solution, 2836
 Anti-D reagent, 2334
 Anti-D (Rh₀) reagent, 2334
 Anti-factor Xa and anti-factor IIa assays for unfractionated and low molecular weight heparins (208), 266
 Antifoam reagent, 2334
 Antihuman globulin reagent, 2334
 Antimicrobial
 agents—content (341), 318
 effectiveness testing (51), 111
 Antimony
 pentachloride, 2334
 potassium tartrate, 2836
 sodium tartrate, 2837
 trichloride, 2335
 trichloride TS, 2413
 Antipyrine, 2837
 and benzocaine otic solution, 2838
 benzocaine, and phenylephrine
 hydrochloride otic solution, 2839
 Antithrombin III, 2335
 human, 2840
 Apomorphine hydrochloride, 2841
 tablets, 2843
 Apparent intrinsic dissolution—dissolution testing procedures for rotating disk and stationary disk (1087), 1273
 Applications of mass spectrometry (1736), 2093
 Applications of nuclear magnetic resonance spectroscopy (1761), 2115
 Application of water activity determination to nonsterile pharmaceutical products (1112), 1416
 Apraclonidine
 hydrochloride, 2843
 ophthalmic solution, 2844
 Aprepitant, 2845
 capsules, 2846
 Aprobarbital, 2335
 Aprotinin, 2848
 injection, 2851
 Arcitumomab injection, technetium Tc 99m, 6335
 Argatroban, 2852
 Arginine, 2854
 capsules, 6798
 hydrochloride, 2855
 hydrochloride injection, 2856
 tablets, 6799
 Aripiprazole, 2857
 orally disintegrating tablets, 2860
 tablets, 2858
 Aromatic
 castor oil, 3235
 elixir, 7521
 Arsanilic acid, 2861
 Arsenazo III acid, 2335
 Arsenic
 in reagents, 2324
 trioxide, 2335
 Arsenic (211), 272
 Articaine
 hydrochloride, 2862

Articaine (*continued*)
 hydrochloride and epinephrine injection, 2864

Articles
 admitted to *NF 35* by supplements, 7483
 admitted to *USP 40* by supplements, xxxiii
 included in *USP 39* but not included in *USP 40*, xxxv
 appearing in *USP 40* that were not included in *USP 39* including supplements, xxxiv
 of Incorporation, xxviii

Articles of botanical origin (561), 426

Ascorbic acid, 2335, 2865
 injection, 2866
 oral solution, 2867
 tablets, 2867
 10% TS, 2413

Ascorbyl palmitate, 7521

Ashwagandha root, 6800
 extract, powdered, 6804
 powdered, 6802

Asian ginseng, 6805
 extract, powdered, 6808
 powdered, 6807
 tablets, 6809

Asparagine, 7522

L-Asparagine, 2335

Aspart
 insulin, 4608

Aspartame, 7523
 acesulfame, 7524

Aspartic acid, 2868

L-Aspartic acid, 2335

Aspirin, 2869
 acetaminophen and caffeine tablets, 2550
 and acetaminophen tablets, 2549
 alumina and magnesia tablets, 2877
 alumina and magnesium oxide tablets, 2878
 boluses, 2870
 butalbital, and caffeine capsules, 3093
 butalbital, caffeine, and codeine phosphate capsules, 3096
 butalbital, and caffeine tablets, 3094
 and butalbital tablets, 3091
 caffeine, and dihydrocodeine bitartrate capsules, 2881
 capsules, 2871
 delayed-release capsules, 2872
 carisoprodol, and codeine phosphate tablets, 3212
 and carisoprodol tablets, 3211
 codeine phosphate, alumina, and magnesia tablets, 2883
 and codeine phosphate tablets, 2882
 effervescent tablets for oral solution, 2876
 orphenadrine citrate and caffeine tablets, 5462
 and oxycodone tablets, 5518
 and pentazocine tablets, 5627
 suppositories, 2872
 tablets, 2873
 tablets, buffered, 2874
 delayed-release tablets, 2875
 extended-release tablets, 2876

Assay
 alginates (311), 317
 antibiotics, iodometric (425), 353
 for citric acid/citrate and phosphate (345), 323
 cobalamin radiotracer (371), 324
 dexpanthenol (115), 203
 epinephrine (391), 331
 folic acid (411), 345

niacin or niacinamide (441), 361
 riboflavin (481), 386
 single-steroid (511), 400
 for steroids (351), 324
 thiamine (531), 407
 vitamin A (571), 454
 vitamin B₁₂ activity (171), 242
 vitamin D (581), 462
 vitamin E (551), 419

Assays
 antibiotics—microbial (81), 143
 design and analysis of biological (111), 199
 insulin (121), 205

Assessment of drug product performance—
 bioavailability, bioequivalence, and dissolution (1090), 1288

Assessment of drug product leachables
 associated with pharmaceutical packaging/delivery systems (1664), 2035

Assessment of extractables associated with
 pharmaceutical packaging/delivery systems (1663), 2020

Astaxanthin esters, 6810

Astemizole, 2885
 tablets, 2885

Astragalus root, 6812
 dry extract, 6817
 powder, 6815

Atenolol, 2886
 and chlorthalidone tablets, 2890
 injection, 2887
 oral solution, 2888
 tablets, 2888

Atenolol compounded
 oral suspension, 2889

Atenolol compounded, veterinary
 oral suspension, 2889

Atomic absorption spectroscopy (852), 773

Atomic absorption spectroscopy—theory and
 practice (1852), 2201

Atomic masses, 2522

Atomic weights, 2521

Atomoxetine
 capsules, 2893

Atomoxetine hydrochloride, 2891

Atorvastatin calcium, 2894

Atovaquone, 2898
 oral suspension, 2900

Atracurium besylate, 2901
 injection, 2903

Atropine, 2904
 sulfate, 2905
 sulfate and diphenoxylate hydrochloride
 oral solution, 3815
 sulfate and diphenoxylate hydrochloride
 tablets, 3816
 sulfate injection, 2906
 sulfate ophthalmic ointment, 2907
 sulfate ophthalmic solution, 2908
 sulfate tablets, 2909

Attapulgit, activated, 2909
 colloidal, 2910

Aurothioglucose, 2910
 injectable suspension, 2911

Automated radiochemical synthesis apparatus
 (1015), 851

Auxiliary packaging components (670), 558

Avobenzene, 2911

Azaperone, 2912
 injection, 2912

Azatadine maleate, 2913
 tablets, 2914

Azathioprine, 2914
 oral suspension, 2916

sodium for injection, 2917
 tablets, 2916

Azelastine hydrochloride, 2918

Azithromycin, 2920
 capsules, 2924
 for injection, 2925
 for oral suspension, 2928
 tablets, 2929

Azo violet, 2407

Aztec marigold zeaxanthin
 extract, 6819

Aztreonam, 2932
 injection, 2933
 for injection, 2934

Azure A, 2335

B

Bacillus subtilis subsp. *subtilis* Menaquinone-7
 Extract, 7101

Bacitracin, 2936
 for injection, 2937
 methylene disalicylate, soluble, 2938
 methylene disalicylate soluble powder, 2939

neomycin and polymyxin B sulfates and
 hydrocortisone acetate ointment, 5314

neomycin and polymyxin B sulfates and
 hydrocortisone acetate ophthalmic
 ointment, 5314

neomycin and polymyxin B sulfates and
 lidocaine ointment, 5315

and neomycin and polymyxin B sulfates
 ointment, 5313

and neomycin and polymyxin B sulfates
 ophthalmic ointment, 5313

and neomycin sulfate ointment, 5302
 ointment, 2938

ophthalmic ointment, 2938

and polymyxin B sulfate topical aerosol,
 2939

zinc, 2940

zinc, neomycin and polymyxin B sulfates,
 and hydrocortisone ointment, 5316

zinc, neomycin and polymyxin B sulfates,
 and hydrocortisone ophthalmic
 ointment, 5317

zinc, neomycin and polymyxin B sulfates,
 and hydrocortisone acetate ophthalmic
 ointment, 5317

zinc, neomycin and polymyxin B sulfates,
 and lidocaine ointment, 5318

zinc and neomycin and polymyxin B
 sulfates ointment, 5315

zinc and neomycin and polymyxin B
 sulfates ophthalmic ointment, 5316

zinc and neomycin sulfate ointment, 5303

zinc ointment, 2941

zinc and polymyxin B sulfate topical
 aerosol, 5752

zinc and polymyxin B sulfate ointment,
 2942

zinc and polymyxin B sulfate ophthalmic
 ointment, 2943

zinc and polymyxin B sulfate topical
 powder, 5753

zinc soluble powder, 2942

Baclofen, 2943
 oral suspension, 2944
 tablets, 2945

Bacopa, 6821
 extract, powdered, 6824
 powdered, 6822
 Bacterial
 alkaline protease preparation, 2335
 endotoxins test (85), 163
 Bacteriostatic
 sodium chloride injection, 6183
 water for injection, 6717
 Balances (41), 111
 Balsalazide disodium, 2946
 capsules, 2948
 Banaba leaf, 6825
 extract, dry, 6828
 powder, 6827
 Bandage
 adhesive, 2949
 gauze, 2949
 Barbitol sodium, 2335
 Barbituric acid, 2336
 Barium
 acetate, 2336
 chloride, 2336
 chloride, anhydrous, 2333, 2336
 chloride dihydrate, 2336
 chloride TS, 2413
 hydroxide, 2336
 hydroxide lime, 2950
 hydroxide TS, 2413
 nitrate, 2336
 nitrate TS, 2413
 sulfate, 2950
 sulfate for suspension, 2953
 sulfate paste, 2951
 sulfate suspension, 2952
 sulfate tablets, 2954
 Basic fuchsin, 2336
 BCG live, 2954
 BCG vaccine, 2955
 Beclomethasone, 2336
 Beclomethasone dipropionate, 2955
 Beclomethasone dipropionate compounded
 oral solution, 2956
 Beef extract, 2336
 Behenoyl polyoxyglycerides, 7525
 Belladonna
 leaf, 2956
 extract, 2958
 extract tablets, 2959
 tincture, 2959
 Benazepril hydrochloride, 2959
 and amlodipine hydrochloride capsules,
 2761
 tablets, 2961
 Benazepril hydrochloride compounded,
 veterinary
 oral suspension, 2963
 Bendroflumethiazide, 2963
 and nadolol tablets, 5265
 tablets, 2964
 Benoxinate hydrochloride, 2965
 and fluorescein sodium ophthalmic
 solution, 4248
 ophthalmic solution, 2965
 Bentonite, 7526
 magma, 7529
 purified, 7527
 Benzaldehyde, 2336, 7529
 elixir, compound, 7530
 Benzalkonium chloride, 2336, 7531
 solution, 7533
 Benzamidine hydrochloride hydrate, 2336
 Benzanilide, 2336
 Benzene, 2336
 Benzenesulfonamide, 2336

Benzenesulfonyl chloride, 2336
 Benzethonium chloride, 2966
 concentrate, 2966
 topical solution, 2967
 tincture, 2967
 Benzhydrol, 2336
 Benzocaine, 2968
 topical aerosol, 2970
 and antipyrine otic solution, 2838
 antipyrine, and phenylephrine
 hydrochloride otic solution, 2839
 butamben, and tetracaine hydrochloride
 topical aerosol, 2979
 butamben, and tetracaine hydrochloride
 gel, 2979
 butamben, and tetracaine hydrochloride
 ointment, 2980
 butamben, and tetracaine hydrochloride
 topical solution, 2981
 cream, 2971
 gel, 2972
 lozenges, 2973
 and menthol topical aerosol, 2981
 ointment, 2975
 otic solution, 2976
 topical solution, 2977
 Benzoic
 acid, 2336, 2983
 and salicylic acids ointment, 2984
 Benzoin, 2985
 tincture, compound, 2985
 Benzonatate, 2986
 capsules, 2986
 Benzophenone, 2336
 p-Benzquinone, 2336, 2386
 Benzoyl
 chloride, 2336
 peroxide and erythromycin topical gel,
 4038
 peroxide gel, 2988
 peroxide, hydrous, 2987
 peroxide lotion, 2989
 N-Benzoyl-L-arginine ethyl ester
 hydrochloride, 2336
 3-Benzoylbenzoic acid, 2336
 Benzoylformic acid, 2337
 Benzphetamine hydrochloride, 2337
 Benztropine mesylate, 2990
 injection, 2990
 tablets, 2991
 Benzyl
 alcohol, 7535
 benzoate, 2992
 benzoate lotion, 2992
 2-Benzylaminopyridine, 2337
 1-Benzylimidazole, 2337
 Benzylpenicilloyl polylysine
 concentrate, 2993
 injection, 2994
 Benzyltrimethylammonium chloride, 2337
 Beta carotene, 2994
 capsules, 2995
 preparation, 6830
 Betadex, 7537
 sulfobutyl ether sodium, 7539
 Beta glucan, 6831
 Bethahistine hydrochloride, 2997
 Betaine hydrochloride, 2998
 Betamethasone, 2998
 acetate, 3002
 acetate and betamethasone sodium
 phosphate injectable suspension, 3010
 acetate and gentamicin sulfate ophthalmic
 solution, 4393
 benzoate, 3003

benzoate gel, 3003
 cream, 2999
 dipropionate, 3004
 dipropionate topical aerosol, 3005
 dipropionate and clotrimazole cream, 3529
 dipropionate cream, 3006
 dipropionate lotion, 3006
 dipropionate ointment, 3007
 sodium phosphate, 3008
 sodium phosphate and betamethasone
 acetate injectable suspension, 3010
 sodium phosphate injection, 3009
 oral solution, 3000
 tablets, 3001
 valerate, 3011
 valerate cream, 3012
 valerate and gentamicin sulfate ointment,
 4394
 valerate and gentamicin sulfate otic
 solution, 4395
 valerate and gentamicin sulfate topical
 solution, 4396
 valerate lotion, 3013
 valerate ointment, 3014
 Betanaphthol, 2337
 TS, 2413
 Betaxolol
 hydrochloride, 3015
 ophthalmic solution, 3016
 tablets, 3017
 Bethanechol chloride, 3018
 injection, 3019
 oral solution, 3020
 oral suspension, 3021
 tablets, 3021
 Beta-lactamase, 2337, 2377
 Bibenzyl, 2337, 2351
 Bicalutamide, 3023
 tablets, 3024
 Bilberry
 extract, powdered, 6834
 Bile salts, 2337, 2391
 Bioburden control of nonsterile drug
 substances and products (1115), 1423
 Biocompatibility of materials used in drug
 containers, medical devices, and implants,
 the (1031), 907
 Biological
 assay chapters—overview and glossary
 (1030), 896
 assay validation (1033), 935
 indicators—resistance performance tests
 (55), 114
 indicators for sterilization (1229.5), 1831
 reactivity tests, in vitro (87), 169
 reactivity tests, in vivo (88), 172
 Biologics (1041), 981
 Biotechnology products: stability testing of
 biotechnological/biological products,
 quality of (1049), 1062
 Biotechnology-derived articles
 amino acid analysis (1052), 1093
 isoelectric focusing (1054), 1113
 peptide mapping (1055), 1116
 polyacrylamide gel electrophoresis (1056),
 1123
 total protein assay (1057), 1130
 Biotechnology products derived from cell
 lines of human or animal origin, viral safety
 evaluation of (1050), 1067
 Biotin, 3025
 capsules, 3026
 tablets, 3027
 Biperiden, 3028
 hydrochloride, 3028

Biperiden (*continued*)
 hydrochloride tablets, 3029
 lactate injection, 3030
 Biphenyl, 2337
 2,2'-Bipyridine, 2337, 2356
 Bis(4-sulfobutyl) ether disodium, 2338
 Bisacodyl, 3031
 rectal suspension, 3032
 suppositories, 3032
 delayed-release tablets, 3033
 4,4'-Bis(4-amino-naphthylazo)-2,2'-stilbenedisulfonic acid, 2338
 Bis(2-ethylhexyl)
 maleate, 2338
 (phosphoric acid), 2338
 phthalate, 2338
 sebacate, 2338
 Bismuth, 2338
 citrate, 3034
 iodide TS, potassium, 2419
 milk of, 3034
 nitrate pentahydrate, 2338
 nitrate, 0.01 mol/L, 2424
 subcarbonate, 3035
 subgallate, 3036
 subnitrate, 2338, 3037
 subsalicylate, 3037
 subsalicylate magma, 3039
 subsalicylate oral suspension, 3040
 subsalicylate tablets, 3041
 sulfite, 2407
 sulfite agar, 2338
 Bisotrizole, 3042
 Bisoprolol fumarate, 3043
 and hydrochlorothiazide tablets, 3045
 tablets, 3044
 Bis(trimethylsilyl)
 acetamide, 2338
 trifluoroacetamide, 2338
 trifluoroacetamide with
 trimethylchlorosilane, 2338
 Biuret reagent TS, 2413
 Black cohosh, 6836
 fluidextract, 6842
 powdered, 6838
 powdered extract, 6840
 tablets, 6843
 Black pepper, 6845
 extract, powdered, 6849
 powdered, 6847
 Bleomycin
 for injection, 3046
 sulfate, 3047

Blood

Blood, 2338
 Group A₁ red blood cells and blood group
 B red blood cells, 2338
 Grouping reagent, anti-A, grouping
 reagent, anti-B, and grouping reagent,
 anti-AB, 2338
 Technetium Tc 99m red blood cells
 injection, 6349

Blue
 B, oracet, 2408
 B TS, oracet, 2418
 G TS, brilliant, 2413
 tetrazolium, 2339
 tetrazolium TS, 2413

Board of trustees
 USP Convention (2015–2020), xi
 Boiling or distilling range for reagents, 2324
 Boldine, 2339
 Boluses
 amoxicillin, 2786
 ampicillin, 2805
 aspirin, 2870
 dihydrostreptomycin sulfate, 3772
 neomycin, 5300
 phenylbutazone, 5677
 tetracycline, 6399
 Borage seed oil, 6850
 capsules, 6851
 Boric acid, 2339, 7542
 (–)-Bornyl acetate, 2339
 Boron trifluoride, 2339
 14% Boron trifluoride–methanol, 2339
 Boswellia serrata, 6852
 extract, 6853
 Botanical
 extracts (565), 452
 origin, identification of articles of (563),
 440
 Bovine collagen, 2339
 Bovine serum (1024), 853
 7 percent bovine serum albumin certified
 standard, 2339
 Branched polymeric sucrose, 2339
 Bretium tosylate, 3048
 in dextrose injection, 3049
 injection, 3048
 Brilliant
 blue G TS, 2413
 green, 2407
 yellow, 2407
 Brinzolamide, 3049
 ophthalmic suspension, 3051
 Bromelain, 2339
 Bromine, 2340
 sodium acetate TS, 2413
 tenth-normal (0.1 N), 2424
 TS, 2413
 α-Bromo-2'-acetonaphthone, 2340
 p-Bromoaniline, 2340
 TS, 2413
 Bromocresol
 blue, 2407
 blue TS, 2413
 green, 2407
 green-methyl red TS, 2413
 green sodium salt, 2407
 green TS, 2413
 purple, 2407
 purple sodium salt, 2407
 purple TS, 2413
 Bromocriptine mesylate, 3052
 capsules, 3053
 tablets, 3054
 Bromodiphenhydramine hydrochloride, 3056
 and codeine phosphate oral solution, 3057
 oral solution, 3056
 Bromofluoromethane, 2340
 Bromophenol blue, 2407
 sodium, 2407
 TS, 2413
 N-Bromosuccinimide, 2340
 Bromothymol blue, 2407
 TS, 2413
 Brompheniramine maleate, 3057
 injection, 3059
 and pseudoephedrine sulfate oral solution,
 3060
 oral solution, 3059
 tablets, 3059

Brucine sulfate, 2340
 Budesonide, 3061

Buffer

Acetate TS, 2411
 Acetic acid–ammonium acetate TS, 2412
 Acetone buffered, TS, 2412, 2413
 Acid phthalate, 2340
 Alkaline borate, 2340
 Hydrochloric acid, 2340
 Neutralized phthalate, 2340

Buffered acetone TS, 2413
 Buffers, 2340
 Buffer solutions, 2340, 2409
 acetate buffer, 2340
 alkaline borate buffer, 2340
 hydrochloric acid buffer, 2340
 neutralized phthalate buffer, 2340
 phosphate buffer, 2340
 Bulk density and tapped density of powders
 (616), 505
 Bulk pharmaceutical excipients—certificate of
 analysis (1080), 1252
 Bulk powder sampling procedures (1097),
 1324
 Bumetanide, 3063
 injection, 3063
 tablets, 3064
 Bupivacaine hydrochloride, 3065
 in dextrose injection, 3067
 and epinephrine injection, 3068
 injection, 3066
 Buprenorphine
 hydrochloride, 3069
 Buprenorphine compounded, veterinary
 buccal solution, 3069
 Bupropion hydrochloride, 3070
 tablets, 3072
 extended-release tablets, 3073
 Buspirone hydrochloride, 3080
 tablets, 3082
 Busulfan, 3084
 tablets, 3085
 Butabarbital, 3085
 sodium, 3086
 sodium oral solution, 3087
 sodium tablets, 3088
 Butalbital, 3089
 acetaminophen, and caffeine capsules,
 3090
 acetaminophen, and caffeine tablets, 3091
 aspirin, and caffeine capsules, 3093
 aspirin, caffeine, and codeine phosphate
 capsules, 3096
 aspirin, and caffeine tablets, 3094
 and aspirin tablets, 3091
 Butamben, 3098
 benzocaine, and tetracaine hydrochloride
 topical aerosol, 2979
 benzocaine, and tetracaine hydrochloride
 gel, 2979
 benzocaine, and tetracaine hydrochloride
 ointment, 2980
 benzocaine, and tetracaine hydrochloride
 topical solution, 2981

Butane, 7543
 Butane-1,2-Diol, 2340
 Butane-1,4-Diol, 2340
 Butane-2,3-Diol, 2340
 1,3-Butanediol, 2340
 2,3-Butanedione, 2340, 2350
 1-Butanesulfonic acid sodium salt, 2340
 1,4-Butane sultone, 2340
 Butanol, 2340
 Butoconazole nitrate, 3098
 vaginal cream, 3099
 Butorphanol tartrate, 3099
 injection, 3100
 nasal solution, 3101
 nasal spray, 3102
 Butyl
 acetate, normal, 2340
 alcohol, 2340, 2341, 2375, 7544
 alcohol, normal, 2341
 alcohol, secondary, 2330, 2341, 2387
 alcohol, tertiary, 2330, 2341, 2397
 benzoate, 2341
 ether, 2341
 methacrylate, 2341
 palmitostearate, 7545
 stearate, 7546
n-Butyl chloride, 2341, 2346
tert-Butyl methyl ether, 2341
n-Butylamine, 2341, 2375
tert-Butylamine, 2341, 2375
 4-(Butylamino)benzoic acid, 2341
 Butylated
 hydroxyanisole, 7547
n-Butylboronic acid, 2341
tert-Butyldimethylchlorosilane in *N*-methyl-*N*-*tert*-butyldimethylsilyltrifluoroacetamide, (1 in 100), 2341
 Butylene glycol, 7549
 Butylparaben, 7551
 4-*tert*-Butylphenol, 2341
t-Butylthiol, 2341
 Butyraldehyde, 2341
 Butyric acid, 2341
 Butyrolactone, 2341
 Butyrophenone, 2342

C

C 13
 for oral solution, urea, 3200
 urea, 3199
 C 14
 capsules, urea, 3201
 Cabergoline, 3104
 tablets, 3105
 Cadmium
 acetate, 2342
 nitrate, 2342
 Caffeine, 3106
 acetaminophen and aspirin tablets, 2550
 and acetaminophen tablets, 2551
 aspirin and dihydrocodeine bitartrate capsules, 2881
 bitalbital, and acetaminophen capsules, 3090
 bitalbital, and acetaminophen tablets, 3091
 bitalbital, and aspirin capsules, 3093
 bitalbital, aspirin, and codeine phosphate capsules, 3096
 bitalbital, and aspirin tablets, 3094
 citrate injection, 3107
 citrate oral solution, 3108
 and ergotamine tartrate suppositories, 4026
 and ergotamine tartrate tablets, 4027
 orphenadrine citrate and aspirin tablets, 5462
 and sodium benzoate injection, 3109
 Calamine, 3110
 topical suspension, phenolated, 3111
 topical suspension, 3110
 Calcifediol, 3111
 capsules, 3111
 Calcipotriene, 3112
 ointment, 3114
 Calcitonin salmon, 3115
 injection, 3119
 nasal solution, 3119
 Calcitriol, 3120
 injection, 3121
 Calcium
 acetate, 2342, 3122
 acetate and aluminum sulfate tablets for topical solution, 2688
 acetate tablets, 3124
 ascorbate, 3125
 carbonate, 2342, 3126
 carbonate, alumina, and magnesia chewable tablets, 2663
 carbonate, alumina, magnesia, and simethicone chewable tablets, 2664
 carbonate, alumina, and magnesia oral suspension, 2662
 carbonate, chelometric standard, 2342
 carbonate lozenges, 3127
 carbonate, magnesia, and simethicone chewable tablets, 3131
 carbonate and magnesia chewable tablets, 3131
 carbonate oral suspension, 3128
 carbonate tablets, 3129
 caseinate, 2342
 chloride, 2342, 3134
 chloride, anhydrous, 2333, 2342
 chloride injection, 3135
 chloride TS, 2413
 citrate, 2342, 3135
 citrate tablets, 6855
 glubionate syrup, 3136
 gluceptate, 3137
 gluceptate injection, 3137
 gluconate, 3138
 gluconate injection, 3140
 gluconate tablets, 3141
 glycerophosphate, 6856
 hydroxide, 2343, 3142
 hydroxide topical solution, 3143
 hydroxide TS, 2413
 lactate, 2343, 3143
 lactate tablets, 3144
 lactobionate, 3144
 levulinate, 3145
 levulinate injection, 3146
 and magnesium carbonates oral suspension, 3133
 and magnesium carbonates tablets, 3134
 nitrate, 2343
 pantothenate, 3146
 pantothenate assay (91), 193
 pantothenate, dextro, 2343
 pantothenate, racemic, 3148
 pantothenate tablets, 3147
 phosphate, anhydrous dibasic, 3151
 phosphate tablets, dibasic, 3152
 phosphate, tribasic, 7552

phosphate dihydrate, dibasic, 3149
 polycarbophil, 3153
 propionate, 7553
 saccharate, 3153
 silicate, 7555
 stearate, 7557
 succinate, 3154
 sulfate, 2343, 7558
 sulfate TS, 2413
 undecylenate, 3155
 and vitamin D with minerals tablets, 6864
 with vitamin D tablets, 6863
 Calcium acetate
 and aluminum sulfate for topical solution, 2687
 Calcium glubionate
 syrup, 3136
 Calcium L-5-methyltetrahydrofolate, 6858
 capsules, 6860
 tablets, 6861
 Calconcarboxylic acid, 2343
 triturate, 2343
 Calf thymus DNA, 2343
dl-Camphene, 2343
 Camphor, 3156
 spirit, 3156
d-10-Camphorsulfonic acid, 2343
dl-10-Camphorsulfonic acid, 2343
 Canada balsam, 2343
 Candelilla wax, 7559
 Candesartan cilexetil, 3156
 and hydrochlorothiazide tablets, 3159
 tablets, 3157
 Canola oil, 7559
 Capecitabine, 3163
 tablets, 3164
 Capillary electrophoresis (1053), 1105
 Capreomycin
 for injection, 3167
 sulfate, 3166
 Capric acid, 2343
 Caprylic acid, 7560
 Caprylocaproyl polyoxylglycerides, 7561
 Capsaicin, 3167
 Capsicum, 3168
 oleoresin, 3170
 tincture, 3172

Capsules

Acebutolol hydrochloride, 2538
 Acetaminophen, 2544
 Containing at least three of the following—acetaminophen and (salts of) chlorpheniramine, dextromethorphan, and pseudoephedrine, 2552
 Acetaminophen and codeine phosphate, 2563
 Acitretin, 2589
 Acyclovir, 2592
 Altretamine, 2658
 Aluminum hydroxide gel, dried, 2683
 Amantadine hydrochloride, 2706
 Aminobenzoate potassium, 2722
 Amlodipine and benazepril hydrochloride, 2761
 Amoxicillin, 2787
 Ampicillin, 2806
 Anagrelide, 2818
 Aprepitant, 2846
 Arginine, 6798
 Aspirin, 2871

Capsules (continued)

- Aspirin, caffeine, and dihydrocodeine bitartrate, 2881
 Aspirin delayed-release, 2872
 Atomoxetine, 2893
 Azithromycin, 2924
 Balsalazide disodium, 2948
 Benzonatate, 2986
 Beta carotene, 2995
 Biotin, 3026
 Borage seed oil, 6851
 Bromocriptine mesylate, 3053
 Butalbital, acetaminophen, and caffeine, 3090
 Butalbital, aspirin, and caffeine, 3093
 Butalbital, aspirin, caffeine, and codeine phosphate, 3096
 Calcifediol, 3111
 Calcium L-5-methyltetrahydrofolate, 6860
 C 14, urea, 3201
 Castor oil, 3234
 Cat's claw, 6872
 Cefaclor, 3237
 Cefadroxil, 3242
 Cefdinir, 3256
 Cephalexin, 3319
 Cephradine, 3328
 Chloral hydrate, 3345
 Chloramphenicol, 3348
 Chlordiazepoxide hydrochloride, 3361
 Chlordiazepoxide hydrochloride and clidinium bromide, 3362
 Chlorpheniramine maleate extended-release, 3386
 Chlorpheniramine maleate and pseudoephedrine hydrochloride extended-release, 3389
 Cholecalciferol, 3402
 Cinoxacin, 3425
 Clindamycin hydrochloride, 3478
 Clofazimine, 3496
 Clofibrate, 3499
 Clomipramine hydrochloride, 3503
 Cloxacillin sodium, 3534
 Cod liver oil, 6908
Cryptocodium cohnii oil, 6914
 Curcuminoids, 6918
 Cyanocobalamin Co 57, 3539
 Cyanocobalamin Co 58, 3540
 Cyclobenzaprine hydrochloride extended-release capsules, 3602
 Cycloserine, 3612
 Cyclosporine, 3613
 Danazol, 3631
 Dantrolene sodium, 3634
 Demeclocycline hydrochloride, 3646
 Dextroamphetamine sulfate, 3702
 Diazepam, 3718
 Diazepam extended-release, 3718
 Diazoxide, 3721
 Dicloxacillin sodium, 3741
 Dicyclomine hydrochloride, 3743
 Didanosine delayed-release, 3747
 Digitalis, 3763
 Dihydratichysterol, 3773
 Diltiazem hydrochloride extended-release, 3780
 Diphenhydramine hydrochloride, 3803
 Diphenhydramine hydrochloride and ibuprofen, 3808
 Diphenhydramine and pseudoephedrine, 3813
 Disopyramide phosphate, 3825
 Disopyramide phosphate extended-release, 3826
 Divalproex sodium delayed-release, 3828
 Docusate calcium, 3849
 Docusate potassium, 3851
 Docusate sodium, 3853
 Doxepin hydrochloride, 3878
 Doxycycline, 3888
 Doxycycline extended-release, 3889
 Doxycycline hyclate, 3897
 Doxycycline hyclate delayed-release, 3899
 Dronabinol, 3908
 Duloxetine delayed-release, 3919
 Efavirenz, 3945
 Ephedrine sulfate, 3996
 Ergocalciferol, 4013
 Ergoloid mesylates, 4016
 Erythromycin delayed-release, 4032
 Erythromycin estolate, 4039
 Esomeprazole magnesium delayed-release, 4059
 Ethchlorvynol, 4098
 Ethosuximide, 4105
 Etodolac, 4115
 Etoposide, 4122
 Evening primrose oil, 6952
 Fenofibrate, 4154
 Fenoprofen calcium, 4163
 Ferrous gluconate, 4173
 Fexofenadine hydrochloride, 4184
 Fish oil containing omega-3 acids, 6965
 Fish oil containing omega-3 acids, delayed-release, 6968
 Flax seed oil, 6969
 Flucytosine, 4223
 Fluoxetine, 4259
 Fluoxetine delayed-release, 4261
 Flurazepam hydrochloride, 4279
 Flutamide, 4284
 Fluvastatin, 4317
 Gabapentin, 4352
 Galantamine extended-release, 4367
 Gemfibrozil, 4388
 Ginger, 7001
 Ginkgo, 7008
 Ginseng, American, 6790
 Griseofulvin, 4446
 Guaifenesin, 4451
 Guaifenesin and pseudoephedrine hydrochloride, 4454
 Guaifenesin, pseudoephedrine hydrochloride, and dextromethorphan hydrobromide, 4455
 Hydrochlorothiazide, 4497
 Hydroxyurea, 4538
 Hydroxyzine pamoate, 4545
 Imipramine pamoate, 4576
 Indomethacin, 4596
 Indomethacin extended-release, 4597
 Sodium iodide I 123, 4635
 Sodium iodide I 131, 4640
 Isometheptene mucate, dichloralphenazone, and acetaminophen, 4692
 Isosorbide dinitrate extended-release, 4708
 Isotretinoin, 4721
 Isradipine, 4728
 Kanamycin sulfate, 4744
 Ketoprofen, 4750
 Ketoprofen extended-release, 4751
 Krill oil, 7066
 Krill oil delayed-release, 7069
 Lansoprazole delayed-release, 4786
 Levodopa, 4829
 Lincomycin hydrochloride, 4857
 Alpha lipoic acid, 7077
 Lithium carbonate, 4871
 Lomustine, 4878
 Loperamide hydrochloride, 4880
 Loracarbef, 4894
 Loxapine, 4921
 Lutein, 7079
 Magnesium oxide, 4946
 Meclofenamate sodium, 4980
 Mefenamic acid, 4984
 Menaquinone-7, 7097
 Mesalamine extended-release, 5029
 Methacycline hydrochloride, 5059
 Methoxsalen, 5088
 Methsuximide, 5093
 Methyltestosterone, 5125
 Metronidazole, 5149
 Metyrosine, 5158
 Mexiletine hydrochloride, 5160
 Milk thistle, 7110
 Minerals, 7113
 Minocycline hydrochloride, 5176
 Morphine sulfate extended-release, 5232
 Mycophenolate mofetil, 5248
 Nafcillin sodium, 5267
 Nifedipine, 5352
 Nitrofurantoin, 5362
 Nizatidine, 5376
 Nortriptyline hydrochloride, 5398
 Oil- and water-soluble vitamins with minerals, 7336
 Olanzapine and fluoxetine, 5418
 Oleovitamin A and D, 5423
 Omega-3 ethyl esters, 5430
 Omeprazole delayed-release, 5435
 Orlistat, 5456
 Oseltamivir phosphate, 5467
 Oxacillin sodium, 5470
 Oxazepam, 5488
 Oxycodone and acetaminophen, 5516
 Oxytetracycline hydrochloride, 5535
 Oxytetracycline and nystatin, 5533
 Pancrelipase, 5557
 Pancrelipase delayed-release, 5558
 Paromomycin sulfate, 5578
 Penicillamine, 5595
 Phendimetrazine tartrate, 5658
 Phenoxybenzamine hydrochloride, 5669
 Phensuximide, 5672
 Phentermine hydrochloride, 5673
 Phenytoin sodium, extended, 5693
 Phenytoin sodium, prompt, 5696
 Piroxicam, 5739
 Potassium chloride extended-release, 5763
 Potassium perchlorate, 5786
 Prazosin hydrochloride, 5807
 Procainamide hydrochloride, 5839
 Procarbazine hydrochloride, 5845
 Propranolol hydrochloride extended-release, 5892
 Pseudoephedrine hydrochloride extended-release, 5906
 Pygeum, 7138
 Quinidine sulfate, 5951
 Quinine sulfate, 5957
 Ramipril, 5971
Rhodiola rosea, 7155
 Ribavirin, 5996
 Rifabutin, 6006
 Rifampin, 6008
 Rifampin and isoniazid, 6010
 Ritonavir, 6047
 Rivastigmine tartrate, 6059
 Propafenone hydrochloride extended-release, 5876
 St. John's wort flowering top dry extract, 7172

Capsules (continued)

Salsalate, 6104
 Saquinavir, 6107
 Saw palmetto, 7181
 Schizochytrium oil, 7191
 Secobarbital sodium, 6131
 Secobarbital sodium and amobarbital sodium, 6133
 Selegiline hydrochloride, 6136
 Simethicone, 6161
 Soy isoflavones, 7198
 Stavudine, 6230
 Sulfapyrazone, 6279
 Tacrine, 6300
 Tacrolimus, 6304
 Tamsulosin hydrochloride, 6320
 Temazepam, 6359
 Terazosin, 6364
 Tetracycline hydrochloride, 6402
 Tetracycline hydrochloride and nystatin, 6410
 Thalidomide, 6414
 Theophylline, 6417
 Theophylline extended-release, 6418
 Theophylline and guaifenesin, 6425
 Thiothixene, 6452
 Tienchi ginseng root and rhizome dry extract, 7223
 Tienchi ginseng root and rhizome powder, 7218
 Tolmetin sodium, 6515
 Topiramate, 6523
 Triamterene, 6569
 Triamterene and hydrochlorothiazide, 6571
 Trientine hydrochloride, 6583
 Trihexyphenidyl hydrochloride extended-release, 6590
 Trimethobenzamide hydrochloride, 6596
 Ubidecarenone, 7234
 Ursodiol, 6629
 Valproic acid, 6645
 Vancomycin hydrochloride, 6658
 Venlafaxine hydrochloride extended-release, 6667
 Verapamil hydrochloride extended-release, 6675
 Vinpocetine, 7247
 Vitamin A, 6700
 Vitamin E, 6705
 Vitamins with minerals, oil-soluble, 7265
 Vitamins with minerals, oil- and water-soluble, 7336
 Vitamins with minerals, water-soluble, 7423
 Vitamins, oil-soluble, 7248
 Vitamins, oil- and water-soluble, 7290
 Vitamins, water-soluble, 7400
 Zaleplon, 6735
 Zidovudine, 6739
 Zonisamide, 6776

Capsules—dissolution testing and related quality attributes (1094), 1316
 Captopril, 3173
 and hydrochlorothiazide tablets, 3176
 oral solution, 3174
 oral suspension, 3175
 tablets, 3175
 Caramel, 7562
 Caraway, 7562
 oil, 7563
 Carbachol, 3177
 intraocular solution, 3178

ophthalmic solution, 3178
 Carbamazepine, 3179
 oral suspension, 3181
 tablets, 3182
 extended-release tablets, 3184
 Carbamide peroxide, 3186
 topical solution, 3186
 Carbazole sulfate, 2343
 Carbenicillin
 disodium, 3187
 indanyl sodium, 3187
 indanyl sodium tablets, 3188
 for injection, 3186
 Carbidopa, 3188
 and levodopa extended-release tablets, 3190
 and levodopa orally disintegrating tablets, 3196
 and levodopa tablets, 3189
 Carbinoxamine maleate, 3197
 pseudoephedrine hydrochloride, and dextromethorphan hydrobromide oral solution, 5910
 tablets, 3198
 Carbol-fuchsin topical solution, 3198
 Carbomer
 934, 7563
 934P, 7564
 940, 7566
 941, 7567
 1342, 7568
 copolymer, 7569
 homopolymer, 7572
 interpolymers, 7575
 Carbon
 C 13 for oral solution, urea, 3200
 C 13, urea, 3199
 C 14 capsules, urea, 3201
 dioxide, 3199
 dioxide detector tube, 2343
 disulfide, chromatographic, 2344
 disulfide, CS, 2344
 monoxide detector tube, 2344
 tetrachloride, 2344
 Carbonates
 calcium and magnesium, oral suspension, 3133
 calcium and magnesium, tablets, 3134
 Carboplatin, 3202
 for injection, 3203
 Carboprost
 tromethamine, 3205
 tromethamine injection, 3206
 Carboxylate (sodium form) cation-exchange resin (50- to 100-mesh), 2344
 Carboxymethoxylamine hemihydrochloride, 2344
 Carboxymethylcellulose
 calcium, 7577
 sodium, 3207
 sodium 12, 7580
 sodium, low-substituted, 7578
 sodium and microcrystalline cellulose, 7591
 sodium paste, 3207
 sodium tablets, 3208
 Carboxymethylcellulose sodium enzymatically-hydrolyzed, 7581
 Cardamom
 oil, 7584
 seed, 7584
 tincture, compound, 7584
 Carisoprodol, 3208
 aspirin and codeine phosphate tablets, 3212

and aspirin tablets, 3211
 tablets, 3210
 Carmellose, 7585
 Carmine, 2344
 Carmustine, 3214
 for injection, 3217
 Carprofen, 3218
 tablets, 3219
 Carrageenan, 7585
 Carteolol hydrochloride, 3221
 ophthalmic solution, 3222
 tablets, 3222
 Carvedilol, 3223
 tablets, 3226
 (R)-(-)-Carvone, 2344
 Casanthranol, 3228
 Cascara
 fluidextract, aromatic, 3233
 sagrada, 3229
 sagrada extract, 3230
 sagrada fluidextract, 3233
 tablets, 3232
 Casein, 2344
 hammersten, 2344
 Castor oil, 3233
 aromatic, 3235
 capsules, 3234
 emulsion, 3235
 hydrogenated, 7586
 polyoxyl 35, 7829
 Catechol, 2344
 Cation-exchange resin, 2344
 carboxylate (sodium form) (50- to 100-mesh), 2344
 polystyrene, 2344, 2381
 styrene-divinylbenzene, 2344
 styrene-divinylbenzene, strongly acidic, 2344
 sulfonic acid, 2345, 2396
 Cat's claw, 6868
 capsules, 6872
 extract, powdered, 6871
 powdered, 6869
 tablets, 6874
 Cedar oil, 2345
 Cefaclor, 3236
 capsules, 3237
 chewable tablets, 3239
 for oral suspension, 3238
 extended-release tablets, 3240
 Cefadroxil, 3240
 capsules, 3242
 for oral suspension, 3244
 tablets, 3245
 Cefamandole nafate, 3246
 for injection, 3247
 Cefazolin, 3248
 injection, 3250
 for injection, 3251
 ophthalmic solution, 3252
 sodium, 3252
 Cefdinir, 3254
 capsules, 3256
 for oral suspension, 3258
 Cefepime
 hydrochloride, 3263
 for injection, 3261
 Cefixime, 3265
 for oral suspension, 3266
 tablets, 3267
 Cefmenoxime
 hydrochloride, 3268
 for injection, 3268
 Cefmetazole, 3269
 injection, 3270

- Cefmetazole (*continued*)
 for injection, 3270
 sodium, 3271
- Cefonicid
 for injection, 3271
 sodium, 3272
- Cefoperazone
 injection, 3273
 for injection, 3273
 sodium, 3274
- Ceforanide, 3274
 for injection, 3275
- Cefotaxime
 injection, 3276
 for injection, 3277
 sodium, 3279
- Cefotetan, 3281
 disodium, 3284
 injection, 3282
 for injection, 3283
- Cefotiam
 hydrochloride, 3284
 for injection, 3285
- Cefoxitin
 injection, 3288
 for injection, 3288
 sodium, 3286
- Cefpiramide, 3289
 for injection, 3290
- Cefpodoxime proxetil, 3291
 for oral suspension, 3293
 tablets, 3293
- Cefprozil, 3294
 for oral suspension, 3297
 tablets, 3298
- Ceftazidime, 3300
 injection, 3301
 for injection, 3301
- Ceftizoxime
 injection, 3304
 for injection, 3304
 sodium, 3303
- Ceftriaxone
 injection, 3305
 for injection, 3305
 sodium, 3307
- Cefuroxime
 axetil, 3310
 axetil for oral suspension, 3311
 axetil tablets, 3312
 injection, 3309
 for injection, 3309
 sodium, 3312
- Celecoxib, 3313
- Cellaburate, 7587
- Cellacéfate, 7588
- Cellular and tissue-based products (1046), 1002
- Cellulose
 acetate, 7594
 chromatographic, 2345
 microcrystalline, 2345, 7589
 microcrystalline and
 carboxymethylcellulose sodium, 7591
 mixture, chromatographic, 2345
 oxidized, 3314
 oxidized regenerated, 3315
 powdered, 7593
 silicified microcrystalline, 7591
 sodium phosphate, 3316
 sodium phosphate for oral suspension, 3317
- Centella asiatica*, 6875
 extract, powdered, 6878
 powdered, 6877
- triterpenes, 6880
- Cephalexin, 3318
 capsules, 3319
 hydrochloride, 3321
 for oral suspension, 3319
 tablets, 3320
 tablets for oral suspension, 3321
- Cephalothin
 injection, 3322
 for injection, 3323
 sodium, 3323
- Cephapirin
 benzathine, 3325
 benzathine intramammary infusion, 3326
 for injection, 3324
 sodium, 3327
 sodium intramammary infusion, 3327
- Cephradine, 3328
 capsules, 3328
 for injection, 3329
 for oral suspension, 3330
 tablets, 3330
- Ceric
 ammonium nitrate, 2345
 ammonium nitrate TS, 2413
 ammonium nitrate, twentieth-normal (0.05 N), 2424
 ammonium sulfate, 2345
 sulfate, 2345
 sulfate, tenth-normal (0.1 N), 2424
- Cesium chloride, 2345
- Cetirizine hydrochloride, 3331
 and pseudoephedrine hydrochloride
 extended-release tablets, 3338
 oral solution, 3333
 tablets, 3334
 orally disintegrating tablets, 3336
- Cetostearyl alcohol, 7595
- Cetrimide, 2345
- Cetrimonium bromide, 7596
- Cetyl
 alcohol, 7597
 esters wax, 7599
 palmitate, 7599
- Cetylpyridinium chloride, 3342
 lozenges, 3343
 topical solution, 3344
- Cetyltrimethylammonium bromide, 2345, 2362
- Cetyltrimethylammonium chloride, 25
 percent in water, 2345
- Chamomile, 6881
- Characterization of crystalline and partially crystalline solids by X-ray powder diffraction (XRPD) (941), 820
- Characterization of crystalline solids by microcalorimetry and solution calorimetry (696), 575
- Charcoal
 activated, 2329, 2345, 3344
- Chaste tree, 6883
 powdered, 6885
 powdered, extract, 6886
- Chemometrics (1039), 963
- Chenodeoxycholic acid, 2345
- Cherry
 juice, 7600
 syrup, 7600
- Chinese salvia, 6892
 powdered, 6894
- Chitosan, 7601
- Chloral hydrate, 3345
 capsules, 3345
 oral solution, 3346
 TS, 2414
- Chlorambucil, 3346
 tablets, 3346
- Chloramine T, 2345
- Chloramphenicol, 3347
 capsules, 3348
 cream, 3348
 and hydrocortisone acetate for ophthalmic suspension, 3352
 injection, 3349
 ophthalmic ointment, 3349
 ophthalmic solution, 3350
 for ophthalmic solution, 3350
 otic solution, 3351
 palmitate, 3353
 palmitate oral suspension, 3353
 and polymyxin B sulfate ophthalmic ointment, 3352
 sodium succinate, 3354
 sodium succinate for injection, 3355
 oral solution, 3351
 tablets, 3351
- Chlordiazepoxide, 3356
 and amitriptyline hydrochloride tablets, 3358
 hydrochloride, 3359
 hydrochloride capsules, 3361
 hydrochloride and clidinium bromide capsules, 3362
 tablets, 3357
- Chlorhexidine
 acetate, 3364
 acetate topical solution, 3366
 gluconate oral rinse, 3368
 gluconate solution, 3367
 gluconate topical solution, 3370
 hydrochloride, 3371
- Chlorhexidine gluconate
 topical gel, 6779
- Chloride
 cobaltous, TS, 2414
 ferric, TS, 2415
 ferrous tetrahydrate, 2360
 gold, 2361
 gold, TS, 2416
 platinic, 2380
 platinic, TS, 2419
 in reagents, 2325
 stannous, 7905
 and sulfate (221), 287
- Chlorine, 2345
 detector tube, 2345
 TS, 2414
- m*-Chloroacetanilide, 2345
- p*-Chloroacetanilide, 2345
- 1-Chloroadamantane, 2346
- 2-Chloro-4-aminobenzoic acid, 2346
- 5-Chloro-2-aminobenzophenone, 2346
- 3-Chloroaniline, 2346
- p*-Chloroaniline, 2346
- Chlorobenzene, 2346
- 4-Chlorobenzoic acid, 2346
- m*-Chlorobenzoic acid, 2346
- 4-Chlorobenzophenone, 2346
- 1-Chlorobutane, 2346
- Chlorobutanol, 7605
- Chlorocresol, 7606
- 2-Chloroethanol, 2346
- 2-Chloroethylamine monohydrochloride, 2346
- Chloroform, 2346
 alcohol-free, 2346
 methyl, 2346
- Chlorogenic acid, 2346

Chloromethylated polystyrene-divinylbenzene anion-exchange resin, 2346
 1-Chloronaphthalene, 2346
 4-Chloro-1-naphthol, 2346
 2-Chloronicotinic acid, 2346
 2-Chloro-4-nitroaniline, 99%, 2346
 Chlorophyllin copper complex sodium, 3373
 Chloroplatinic acid, 2346
 Chloroprocaine hydrochloride, 3374
 injection, 3375
 Chloroquine, 3376
 hydrochloride injection, 3376
 phosphate, 3377
 phosphate oral suspension, 3378
 phosphate tablets, 3379
 5-Chlorosalicylic acid, 2347
 Chlorothiazide, 3380
 and methyldopa tablets, 5101
 and reserpine tablets, 5990
 sodium for injection, 3383
 oral suspension, 3380
 tablets, 3382
 1-Chloro-2,2,2-trifluoroethylchlorodifluoromethyl ether, 2347
 Chlorotrimethylsilane, 2347, 2402
 Chloroxyleneol, 3383
 Chlorpheniramine
 dextromethorphan, pseudoephedrine, (salts of), and acetaminophen, capsules containing at least three of the following, 2552
 dextromethorphan, pseudoephedrine (salts of), and acetaminophen, oral powder containing at least three of the following, 2555
 dextromethorphan, pseudoephedrine (salts of), and acetaminophen, oral solution containing at least three of the following, 2557
 dextromethorphan, pseudoephedrine (salts of), and acetaminophen, tablets containing at least three of the following, 2559
 maleate, 3385
 maleate extended-release capsules, 3386
 maleate injection, 3387
 maleate, penicillin G procaine, dihydrostreptomycin sulfate, and dexamethasone injectable suspension, 5612
 maleate and pseudoephedrine hydrochloride extended-release capsules, 3389
 maleate and pseudoephedrine hydrochloride oral solution, 3390
 maleate oral solution, 3388
 maleate tablets, 3388
 maleate, acetaminophen, and dextromethorphan hydrobromide tablets, 2561
 Chlorpromazine, 3391
 hydrochloride, 3392
 hydrochloride injection, 3392
 hydrochloride oral concentrate, 3392
 hydrochloride syrup, 3393
 hydrochloride tablets, 3394
 suppositories, 3391
 Chlorpropamide, 3394
 tablets, 3395
 Chlortetracycline
 bisulfate, 3395
 hydrochloride, 2347, 3396
 hydrochloride ointment, 3397
 hydrochloride ophthalmic ointment, 3397

hydrochloride soluble powder, 3397
 hydrochloride tablets, 3398
 and sulfamethazine bisulfates soluble powder, 3396
 Chlorthalidone, 3398
 and atenolol tablets, 2890
 and clonidine hydrochloride tablets, 3511
 tablets, 3399
 Chlorzoxazone, 3399
 tablets, 3400
 Chocolate, 7606
 syrup, 7607
 Cholecalciferol, 3401
 capsules, 3402
 solution, 3403
 Cholestane, 2347
 Cholesterol, 2347, 7607
 Cholesteryl
 benzoate, 2347
 n-heptylate, 2347
 Cholestyramine
 resin, 3404
 for oral suspension, 3405
 Choline
 bitartrate, 6896
 chloride, 2347, 6898
 Chondroitin sulfate sodium, 6899
 and glucosamine tablets, 7012
 glucosamine, and methylsulfonylmethane tablets, 7019
 shark, 6903
 tablets, 6902
 Chromate, sodium, Cr 51 injection, 3407
 Chromatographic
 columns, 2436
 fuller's earth, 2347
 n-heptane, 2347
 magnesium oxide, 2347
 reagents, 2347
 silica gel, 2347
 silica gel mixture, 2347
 siliceous earth, 2347
 siliceous earth, silanized, 2347
 solvent hexane, 2347
 Chromatography (621), 508
 Chromatography, ion (1065), 1197
 Chromic chloride, 3405
 injection, 3406
 Chromium
 Cr 51 edetate injection, 3407
 Cr 51 injection, sodium chromate, 3407
 picolinate, 6906
 picolinate tablets, 6907
 potassium sulfate dodecahydrate, 2347
 trioxide, 2347
 Chromogenic
 substrate for amidolytic test, 2347
 Chromotrope 2R, 2347
 Chromotropic acid, 2347, 2391
 disodium salt, 2347
 TS, 2414
 Chymotrypsin, 3408
 for ophthalmic solution, 3409
 Ciclopirox, 3410
 olamine, 3412
 olamine cream, 3413
 olamine topical suspension, 3414
 topical solution, 3411
 Cidofovir, 3414
 injection, 3415
 Cilastatin
 and imipenem for injectable suspension, 4572
 and imipenem for injection, 4571

sodium, 3417
 Cilostazol, 3418
 tablets, 3419
 Cimetidine, 3420
 hydrochloride, 3423
 injection, 3421
 in sodium chloride injection, 3422
 tablets, 3422
 Cinchonidine, 2347
 Cinchonine, 2347
 Cinoxacin, 3424
 capsules, 3425
 Ciprofloxacin, 3426
 and dexamethasone otic suspension, 3436
 extended-release tablets, 3433
 hydrochloride, 3428
 injection, 3429
 ophthalmic ointment, 3431
 ophthalmic solution, 3431
 tablets, 3432
 Cisapride, 3438
 Cisapride compounded, veterinary
 injection, 3438
 oral suspension, 3439
 Cisatracurium besylate, 3440
 injection, 3442
 Cisplatin, 3444
 for injection, 3446
 Citalopram
 hydrobromide, 3451
 oral solution, 3448
 tablets, 3449
 Citrate
 cupric TS, alkaline, 2412, 2414
 cupric TS 2, alkaline, 2412, 2414
 Citric acid, 2348
 anhydrous, 2348, 3454
 and magnesium carbonate for oral solution, 4936
 magnesium carbonate, and potassium citrate for oral solution, 4937
 magnesium oxide, and sodium carbonate irrigation, 3458
 monohydrate, 3456
 and potassium citrate oral solution, 5776
 and potassium and sodium bicarbonates effervescent tablets for oral solution, 5759
 and sodium citrate oral solution, 6186
 Citrulline, 6907
 Cladribine, 3459
 injection, 3459
 Clarithromycin, 3461
 for oral suspension, 3463
 tablets, 3463
 extended-release tablets, 3465
 Clavulanate
 potassium, 3468
 potassium and amoxicillin for oral suspension, 2791
 potassium and amoxicillin tablets, 2792
 Clavulanic acid
 and amoxicillin extended-release tablets, 2793
 Clavulanic acid
 and ticarcillin injection, 6464
 and ticarcillin for injection, 6465
 Cleaning glass apparatus (1051), 1092
 Clemastine fumarate, 3471
 tablets, 3472
 Clenbuterol hydrochloride, 3474
 Clidinium bromide, 3474
 and chlordiazepoxide hydrochloride capsules, 3362

- Clindamycin
hydrochloride, 3477
hydrochloride capsules, 3478
hydrochloride oral solution, 3479
injection, 3475
for injection, 3476
palmitate hydrochloride, 3479
palmitate hydrochloride for oral solution, 3480
phosphate, 3481
phosphate gel, 3483
phosphate topical solution, 3483
phosphate topical suspension, 3484
phosphate vaginal cream, 3482
phosphate vaginal inserts, 3485
- Clioquinol, 3485
cream, 3486
and hydrocortisone cream, 3488
and hydrocortisone ointment, 3489
ointment, 3487
topical powder, compound, 3488
- Clobetasol propionate, 3490
cream, 3491
ointment, 3492
topical solution, 3493
- Clocortolone pivalate, 3494
cream, 3495
- Clofazimine, 3495
capsules, 3496
- Clofibrate, 3498
capsules, 3499
- Clomiphene citrate, 3499
tablets, 3501
- Clomipramine hydrochloride, 3502
capsules, 3503
- Clonazepam, 3504
oral suspension, 3505
tablets, 3506
orally disintegrating tablets, 3506
- Clonidine, 3508
hydrochloride, 3509
hydrochloride and chlorthalidone tablets, 3511
hydrochloride tablets, 3510
transdermal system, 3512
- Clopidogrel
bisulfate, 3515
tablets, 3517
- Clopidogrel compounded
oral suspension, 3517
- Cloprostenol
injection, 3519
sodium, 3519
- Clorazepate dipotassium, 3520
tablets, 3521
- Clorsulon, 3523
and ivermectin injection, 4736
- Clotrimazole, 3524
and betamethasone dipropionate cream, 3529
cream, 3525
lotion, 3525
lozenges, 3526
topical solution, 3527
vaginal inserts, 3528
- Clove oil, 7608
- Clover, red, 7141
extract, powdered, 7145
powdered, 7143
tablets, 7147
- Cloxacillin
benzathine, 3531
benzathine intramammary infusion, 3531
sodium, 3532
sodium capsules, 3534
sodium intramammary infusion, 3535
sodium for oral solution, 3535
- Clozapine, 3536
tablets, 3537
- Co
57 capsules, cyanocobalamin, 3539
57 oral solution, cyanocobalamin, 3539
58 capsules, cyanocobalamin, 3540
- Coal tar, 3538
ointment, 3538
topical solution, 3538
- Cobalamin radiotracer assay (371), 324
- Cobalt
chloride, 2348
Co 57 capsules, cyanocobalamin, 3539
Co 57 oral solution, cyanocobalamin, 3539
Co 58 capsules, cyanocobalamin, 3540
nitrate, 2348
platinum, TS, 2419
uranyl acetate TS, 2414
- Cobaltous
acetate, 2348
chloride, 2348
chloride CS, 2411
chloride TS, 2414
- Cocaine, 3541
hydrochloride, 3541
hydrochloride tablets for topical solution, 3542
and tetracaine hydrochlorides and epinephrine topical solution, 3542
- Cocoa butter, 7609
- Coconut
oil, 7610
oil, hydrogenated, 7610
- Codeine, 3546
phosphate, 3546
phosphate and acetaminophen capsules, 2563
phosphate and acetaminophen oral solution, 2564
phosphate and acetaminophen oral suspension, 2565
phosphate and acetaminophen tablets, 2566
phosphate, aspirin, alumina, and magnesia tablets, 2883
phosphate and aspirin tablets, 2882
phosphate and bromodiphenhydramine hydrochloride oral solution, 3057
phosphate, butalbital, aspirin, and caffeine capsules, 3096
phosphate, carisoprodol, and aspirin tablets, 3212
phosphate and guaifenesin oral solution, 4453
phosphate injection, 3547
phosphate tablets, 3548
phosphate and promethazine and phenylephrine hydrochloride oral solution, 5872
phosphate oral solution, 3547
sulfate, 3548
sulfate oral solution, 3550
sulfate tablets, 3551
and terpin hydrate oral solution, 6383
- Cod liver oil, 3543
capsules, 6908
- Coenzyme Q9, 2348
- Cohosh
black fluidextract, 6842
- Colchicine, 3552
injection, 3553
and probenecid tablets, 5835
tablets, 3553
- Colestipol hydrochloride, 3554
for oral suspension, 3555
tablets, 3555
- Colistimethate
for injection, 3557
sodium, 3556
- Colistin
and neomycin sulfates and hydrocortisone acetate otic suspension, 3558
sulfate, 3557
sulfate for oral suspension, 3558
- Collagen, 2348
rat tail, 2348
- Collagenase, 2348
- Collagenase I (89.1), 180
- Collagenase II (89.2), 185
- Collodion, 3559
flexible, 3560
- Colloidal oatmeal, 3560
- Color
and achromicity (631), 520
instrumental measurement (1061), 1172
- Colorimetric solutions (CS), 2411
- Compactin, 2348
- Completeness of solution (641), 521
- Compound cardamom tincture, 7584
- Congeaing temperature (651), 527
- Congo red, 2348, 2407
TS, 2414
- Constitution and bylaws, xxix
- Construct human fibroblasts in bilayer synthetic scaffold, 3561
- Construct human fibroblasts in polyglactin scaffold, 3565
- Container content for injections (697), 578
- Containers
glass (660), 534
performance testing (671), 565
- Container specifications for capsules and tablets, 2443
- Coomassie
blue G-250, 2348
brilliant blue R-250, 2348
- Copovidone, 7611
- Copper, 2348
gluconate, 3575
- Copper sulfate pentahydrate, 2348
- Coriander oil, 7613
- Corn
oil, 7614
starch, 7906
syrup, 7614
high fructose syrup, 7618
syrup solids, 7621
- Corticotropin
injection, 3577
for injection, 3578
injection, repository, 3580
- Cortisone, 2348
acetate, 3582
acetate injectable suspension, 3583
acetate tablets, 3584
- Cosyntropin, 3585
- Cotton
absorbent, 2348
purified, 3586
- Cotton (691), 573
- Cottonseed oil, 7623
hydrogenated, 7623

Council of experts
(2015–2020), xi
Cr 51
 edetate injection, chromium, 3407
 injection, sodium chromate, 3407
Cranberry
 liquid preparation, 6911

Cream

Alclometasone dipropionate, 2613
Aminonide, 2708
Amphotericin B, 2799
Anthralin, 2827
Benzocaine, 2971
Betamethasone, 2999
Betamethasone dipropionate, 3006
Betamethasone valerate, 3012
Butoconazole nitrate, vaginal, 3099
Chloramphenicol, 3348
Ciclopirox olamine, 3413
Clindamycin phosphate, vaginal, 3482
Clioquinol, 3486
Clioquinol and hydrocortisone, 3488
Clobetasol propionate, 3491
Clocortolone pivalate, 3495
Clotrimazole, 3525
Clotrimazole and betamethasone dipropionate, 3529
Crotamiton, 3592
Desoximetasone, 3666
Dexamethasone sodium phosphate, 3680
Dibucaine, 3724
Dienestrol, 3751
Diflorasone diacetate, 3759
Dioxybenzone and oxybenzone, 3797
Estradiol, vaginal, 4064
Estropipate, vaginal, 4088
Flumethasone pivalate, 4233
Fluocinolone acetonide, 4240
Fluocinonide, 4243
Fluorometholone, 4253
Fluorouracil, 4258
Flurandrenolide, 4275
Fluticasone propionate, 4287
Gentamicin sulfate, 4392
Gentian violet, 4399
Halcinonide, 4464
Hydrocortisone, 4506
Hydrocortisone acetate, 4512
Hydrocortisone butyrate, 4515
Hydrocortisone valerate, 4521
Hydroquinone, 4531
Lidocaine and prilocaine, 4854
Lindane, 4859
Mafenide acetate, 4928
Meclocycline sulfosalicylate, 4978
Methylprednisolone acetate, 5119
Miconazole nitrate, 5165
Mometasone furoate, 5210
Monobenzone, 5218
Mupirocin, 5244
Naftifine hydrochloride, 5269
Neomycin and polymyxin B sulfates, 5312
Neomycin and polymyxin B sulfates and gramicidin, 5320
Neomycin and polymyxin B sulfates, gramicidin, and hydrocortisone acetate, 5321
Neomycin and polymyxin B sulfates and hydrocortisone acetate, 5323
Neomycin and polymyxin B sulfates and lidocaine, 5323

Neomycin and polymyxin B sulfates and pramoxine hydrochloride, 5324
Neomycin sulfate, 5301
Neomycin sulfate and dexamethasone sodium phosphate, 5303
Neomycin sulfate and fluocinolone acetonide, 5305
Neomycin sulfate and flurandrenolide, 5305
Neomycin sulfate and hydrocortisone, 5307
Neomycin sulfate and hydrocortisone acetate, 5308
Neomycin sulfate and methylprednisolone acetate, 5311
Neomycin sulfate and triamcinolone acetonide, 5326
Nystatin, 5401
Nystatin, neomycin sulfate, gramicidin, and triamcinolone acetonide, 5404
Nystatin, neomycin sulfate, thiostrepton, and triamcinolone acetonide, 5405
Nystatin and triamcinolone acetonide, 5407
Piroxicam, 5740
Pramoxine hydrochloride, 5798
Prednicarbate, 5809
Prednisolone, 5812
Sulfadiazine, silver, 6258
Sulfa, vaginal, triple, 6245
Tetracaine hydrochloride, 6394
Tolnaftate, 6517
Tretinoin, 6555
Triamcinolone acetonide, 6559

Creatinine, 7624
Cresol, 7624
 red, 2407
 red–thymol blue TS, 2414
 red TS, 2414
m-Cresol purple, 2348
 TS, 2414
Cromolyn sodium, 3587
 inhalation powder, 3588
 inhalation solution, 3588
 nasal solution, 3589
 ophthalmic solution, 3590
Croscarmellose sodium, 7625
Crosopovidone, 7627
Crotamiton, 3592
 cream, 3592
Cryopreservation of cells (1044), 990
Cryptocodinium cohnii oil, 6912
 capsules, 6914
Crystallinity (695), 575
Crystal violet, 2407
 TS, 2414, 2418
Cupric
 acetate, 2348
 acetate TS, 2414
 acetate TS, stronger, 2414, 2422
 ammonium sulfate TS, 2414
 chloride, 2348, 3592
 chloride injection, 3593
 citrate, 2348
 citrate TS, 2414
 citrate TS, alkaline, 2412, 2414
 citrate TS 2, alkaline, 2412, 2414
 iodide TS, alkaline, 2412, 2414
 nitrate, 2348
 nitrate hydrate, 2348
 nitrate, tenth-normal (0.1 N), 2425
 oxide, ammoniated, TS, 2412, 2414, 2420
 sulfate, 2348, 3594
 sulfate, anhydrous, 2333, 2348
 sulfate CS, 2411
 sulfate injection, 3595
 sulfate test paper, 2408
 sulfate TS, 2408, 2414
 tartrate, alkaline, solution (Fehling's solution), 2425
 tartrate TS, alkaline, 2412, 2414, 2415
Cupriethylenediamine hydroxide solution, 1.0 M, 2349
Curcuminoids, 6917
 capsules, 6918
 tablets, 6919
Cyanoacetic acid, 2349
Cyanocobalamin, 3596
 Co 57 capsules, 3539
 Co 57 oral solution, 3539
 Co 58 capsules, 3540
 injection, 3597
 tablets, 3597
Cyanogen bromide, 2349
4-Cyanophenol, 2349
4-Cyanopyridine, 2349
Cyclam, 2349
Cyclandelate, 3598
Cyclizine hydrochloride, 3599
 tablets, 3600
Cyclobenzaprine
 hydrochloride extended-release capsules, 3602
Cyclobenzaprine hydrochloride, 3601
 tablets, 3604
1,1-Cyclobutanedicarboxylic acid, 2349
 α -Cyclodextrin, 2349
 β -Cyclodextrin, 2349
Cyclohexane, 2349
Cyclohexanol, 2349
(1,2-Cyclohexylenedinitrilo)tetraacetic acid, 2349
Cyclohexylmethanol, 2349
Cyclomethicone, 7629
Cyclopentolate hydrochloride, 3605
 ophthalmic solution, 3606
Cyclophosphamide, 3606
 for injection, 3608
 tablets, 3609
Cyclopropane, 3610
Cycloserine, 3611
 capsules, 3612
Cyclosporine, 3612
 capsules, 3613
 injection, 3615
 oral solution, 3616
Cyclosporine compounded, veterinary ophthalmic solution, 3617
Cyproheptadine hydrochloride, 3618
 oral solution, 3619
 tablets, 3619
Cyromazine, 3620
Cysteine hydrochloride, 3621
 injection, 3621
Cystine, 6921
L-Cystine, 2349
Cytarabine, 3622
 for injection, 3623

D

Dacarbazine, 3625
 for injection, 3625

- Dactinomycin, 3627
for injection, 3627
- Dalteparin
sodium, 3628
- Danazol, 3631
capsules, 3631
- Dantrolene sodium, 3632
capsules, 3634
for injection, 3635
- Dapsone, 3636
oral suspension, 3637
tablets, 3638
- Daunorubicin hydrochloride, 3639
for injection, 3639
- DEAE-Agarose, 2349
- Decanol, 2349
- Decoquinat, 3640
premix, 3640
- Decyl sodium sulfate, 2349
- Deferoxamine mesylate, 3641
for injection, 3642
- Dehydrated alcohol, 2349
- Dehydroacetic acid, 7630
- Dehydrocholic acid, 3643
tablets, 3643
- Delafeld's hematoxylin TS, 2414
- Deliverable volume (698), 579
- Delta-8-tetrahydrocannabinol, 2398
- Demecarium bromide, 3643
ophthalmic solution, 3644
- Demeclocycline, 3644
hydrochloride, 3646
hydrochloride capsules, 3646
hydrochloride tablets, 3647
oral suspension, 3645
- Denatonium benzoate, 7631
- Denaturated alcohol TS, 2414
- Denigès' reagent, 2414
- Density of solids (699), 582
- Dental paste
triamcinolone acetonide, 6561
- Deoxyadenosine triphosphate, 2349
- Deoxycytidine triphosphate, 2349
- Deoxyguanosine triphosphate, 2349
- Deoxyribonucleic acid polymerase, 2349
- Deoxythymidine triphosphate, 2349
- Depyrogeneration (1228), 1791
- Depyrogeneration by filtration (1228.3), 1799
- Description and relative solubility of USP and NF articles, 2453
- Desflurane, 3648
- Design, evaluation and characterization of viral clearance procedures (1050.1), 1082
- Design and analysis of biological assays (111), 199
- Design and development of biological assays (1032), 917
- Desipramine hydrochloride, 3650
tablets, 3651
- Deslanoside, 3653
injection, 3654
- Desloratadine, 3655
tablets, 3656
orally disintegrating tablets, 3658
- Desmopressin acetate, 3660
injection, 3661
nasal spray, 3662
- Desogestrel
and ethinyl estradiol tablets, 3663
- Desonide, 3664
- Desoximetasone, 3665
cream, 3666
gel, 3667
ointment, 3667
- Desoxycholic acid, 7631
- Desoxycorticosterone
acetate, 3668
acetate injection, 3668
acetate pellets, 3669
pivalate, 3669
pivalate injectable suspension, 3669
- Detection of irradiated dietary supplements (2250), 2282
- Determination
methoxy (431), 359
nitrogen (461), 366
- Deuterated methanol, 2349
- Deuterated water, 2350
- Deuterium
chloride, 2350
oxide, 2350, 2350
- Deuteriochloroform, 2350
- Devarda's alloy, 2350
- Dexamethasone, 3670
acetate, 3675
acetate injectable suspension, 3676
topical aerosol, 3671
and ciprofloxacin otic suspension, 3436
elixir, 3671
gel, 3672
injection, 3672
and neomycin and polymyxin B sulfates ophthalmic ointment, 5319
and neomycin and polymyxin B sulfates ophthalmic suspension, 5319
ophthalmic suspension, 3673
penicillin G procaine, dihydrostreptomycin sulfate, and chlorpheniramine maleate injectable suspension, 5612
sodium phosphate, 3677
sodium phosphate cream, 3680
sodium phosphate inhalation aerosol, 3679
sodium phosphate injection, 3681
sodium phosphate and neomycin sulfate cream, 5303
sodium phosphate and neomycin sulfate ophthalmic ointment, 5303
sodium phosphate and neomycin sulfate ophthalmic solution, 5304
sodium phosphate ophthalmic ointment, 3681
sodium phosphate ophthalmic solution, 3682
oral solution, 3674
tablets, 3674
and tobramycin ophthalmic ointment, 6500
and tobramycin ophthalmic suspension, 6501
- Dexbrompheniramine maleate, 3683
and pseudoephedrine sulfate oral solution, 3684
- Dexchlorpheniramine maleate, 3685
oral solution, 3687
tablets, 3688
- Dexmedetomidine hydrochloride, 3689
- Dexpanthenol, 3690
assay (115), 203
preparation, 3691
- Dextran
1, 3692
40, 3694
40 in dextrose injection, 3696
40 in sodium chloride injection, 3697
70, 3697
70 in dextrose injection, 3700
70 in sodium chloride injection, 3701
high molecular weight, 2350
- Dextrates, 7632
- Dextrin, 2350, 7633
- Dextro calcium pantothenate, 2350
- Dextroamphetamine sulfate, 3701
capsules, 3702
tablets, 3703
- Dextromethorphan, 3704
chlorpheniramine, pseudoephedrine (salts of), and acetaminophen, capsules containing at least three of the following, 2552
chlorpheniramine, pseudoephedrine (salts of), and acetaminophen, oral powder containing at least three of the following, 2555
chlorpheniramine, pseudoephedrine (salts of), and acetaminophen, oral solution containing at least three of the following, 2557
chlorpheniramine, pseudoephedrine (salts of), and acetaminophen, tablets containing at least three of the following, 2559
hydrobromide, 3705
hydrobromide, acetaminophen, doxylamine succinate, and pseudoephedrine hydrochloride oral solution, 2567
hydrobromide, guaifenesin, and pseudoephedrine hydrochloride capsules, 4455
hydrobromide, pseudoephedrine hydrochloride, and carbinoxamine maleate oral solution, 5910
hydrobromide oral solution, 3707
hydrobromide, acetaminophen, and chlorpheniramine maleate tablets, 2561
- Dextrose, 3707
adenine solution, anticoagulant citrate phosphate, 2834
anhydrous, 2350
and dopamine hydrochloride injection, 3866
excipient, 7634
and half-strength lactated Ringer's injection, 6028
injection, 3709
injection, alcohol in, 2619
injection, bretylium tosylate in, 3049
injection, bupivacaine hydrochloride in, 3067
injection, dobutamine in, 3843
injection, magnesium sulfate in, 4953
injection, potassium chloride in, 5766
injection and potassium chloride in lactated Ringer's, 5769
injection and sodium chloride injection, potassium chloride in, 5767
injection, tetracaine hydrochloride in, 6397
injection, theophylline in, 6423
injection type 1 and multiple electrolytes, 3954
injection type 2 and multiple electrolytes, 3958
injection type 3 and multiple electrolytes, 3961
and lactated Ringer's injection, 6025
and lidocaine hydrochloride injection, 4852
and modified lactated Ringer's injection, 6030
and Ringer's injection, 6021
and sodium chloride injection, 3709
solution, anticoagulant citrate, 2832
solution, anticoagulant citrate phosphate, 2833
Diacetyl, 2350

Diacetylated monoglycerides, 7634
 3,3'-Diaminobenzidine hydrochloride, 2350
 2,3-Diaminonaphthalene, 2350
 Diatomaceous earth, 2350
 flux-calcined, 2350
 silanized, 2350
 Diatomaceous silica
 calcined, 2350, 2387
 Diatrizoate
 meglumine, 3710
 meglumine and diatrizoate sodium
 injection, 3712
 meglumine and diatrizoate sodium
 solution, 3713
 meglumine injection, 3711
 sodium, 3713
 sodium and diatrizoate meglumine
 injection, 3712
 sodium and diatrizoate meglumine
 solution, 3713
 sodium injection, 3715
 sodium solution, 3715
 Diatrizoic acid, 3716
 Diaveridine, 2350
 Diazepam, 3717
 capsules, 3718
 extended-release capsules, 3718
 injection, 3719
 tablets, 3720
 Diazobenzenesulfonic acid TS, 2414
 Diazoxide, 3720
 capsules, 3721
 injection, 3722
 oral suspension, 3722
 Dibasic
 ammonium citrate, 2350
 ammonium phosphate, 2351
 calcium phosphate, anhydrous, 3151
 calcium phosphate dihydrate, 3149
 calcium phosphate tablets, 3152
 potassium phosphate, 2351, 5787
 sodium phosphate, 6200
 Dibenzyl, 2351
 2,6-Dibromoquinone-chlorimide, 2351
 Dibucaine, 3723
 cream, 3724
 hydrochloride, 3725
 hydrochloride injection, 3725
 ointment, 3724
 Dibutyl
 phthalate, 2351, 7635
 sebacate, 7635
 Dibutylamine, 2351
 Dibutylammonium phosphate, 2351
 1,3-Dicaffeoylquinic acid, 2351
 Dichloralphenazone, 3726
 isometheptene mucate and
 acetaminophen capsules, 4692
 Dichloroacetic acid, 2351
 2,5-Dichloroaniline, 2351
 2,6-Dichloroaniline, 2351
 o-Dichlorobenzene, 2351
 Dichlorodifluoromethane, 7636
 1,2-Dichloroethane, 2351
 Dichlorofluorescein, 2351
 TS, 2414
 Dichlorofluoromethane, 2351
 2,6-Dichloroindophenol sodium, 2351
 Dichloromethane, 2351
 2,4-Dichloro-1-naphthol, 2352
 2,6-Dichlorophenol-indophenol sodium,
 2351, 2352
 Dichlorophenol-indophenol solution,
 standard, 2425
 2,6-Dichlorophenylacetic acid, 2352

2,6-Dichloroquinone-chlorimide, 2352
 Dichlorotetrafluoroethane, 7637
 Dichlorophenamide, 3726
 tablets, 3727
 Diclazuril, 3728
 Diclofenac potassium, 3729
 tablets, 3730
 Diclofenac sodium, 3731
 and misoprostol delayed-release tablets,
 3736
 delayed-release tablets, 3732
 extended-release tablets, 3734
 Dicloxacillin sodium, 3739
 capsules, 3741
 for oral suspension, 3742
 Dicyclohexyl, 2352
 Dicyclohexylamine, 2352
 Dicyclohexyl phthalate, 2352
 Dicyclomine hydrochloride, 3742
 capsules, 3743
 injection, 3744
 oral solution, 3744
 tablets, 3745
 Didanosine, 3746
 delayed-release capsules, 3747
 for oral solution, 3749
 tablets for oral suspension, 3750
 Dienestrol, 3751
 cream, 3751

Dietary supplements

N-Acetylglucosamine, 6781
 Ademetionine disulfate tosylate, 6783
 L-Alanyl-L-glutamine, 6784
 Andrographis, 6793
 Andrographis, powdered, 6795
 Andrographis extract, powdered, 6797
 Arginine capsules, 6798
 Arginine tablets, 6799
 Ashwagandha root, 6800
 Ashwagandha root extract, powdered,
 6804
 Ashwagandha root, powdered, 6802
 Astaxanthin esters, 6810
 Astragalus root, 6812
 Astragalus root dry extract, 6817
 Astragalus root powder, 6815
 Aztec marigold zeaxanthin extract, 6819
Bacillus subtilis subsp. *subtilis*
 menaquinone-7 extract, 7101
 Bacopa, 6821
 Bacopa, powdered, 6822
 Bacopa extract, powdered, 6824
 Banaba leaf, 6825
 Banaba leaf dry extract, 6828
 Banaba leaf powder, 6827
 Beta carotene preparation, 6830
 Beta glucan, 6831
 Bilberry extract, powdered, 6834
 Black cohosh, 6836
 Black cohosh, powdered, 6838
 Black cohosh extract, powdered, 6840
 Black cohosh tablets, 6843
 Black pepper, 6845
 Powdered black pepper extract, 6849
 Powdered black pepper, 6847
 Borage seed oil, 6850
 Borage seed oil capsules, 6851
Boswellia serrata, 6852
Boswellia serrata extract, 6853
 Calcium citrate tablets, 6855
 Calcium L-5-methyltetrahydrofolate, 6858
 Calcium L-5-methyltetrahydrofolate
 capsules, 6860
 Calcium L-5-methyltetrahydrofolate tablets,
 6861
 Calcium and vitamin D with minerals
 tablets, 6864
 Calcium with vitamin D tablets, 6863
 Cat's claw, 6868
 Cat's claw capsules, 6872
 Cat's claw extract, powdered, 6871
 Cat's claw, powdered, 6869
 Cat's claw tablets, 6874
Centella asiatica, 6875
Centella asiatica, powdered, 6877
Centella asiatica extract, powdered, 6878
Centella asiatica triterpenes, 6880
 Chamomile, 6881
 Chaste tree, 6883
 Chaste tree, powdered, 6885
 Chaste tree extract, powdered, 6886
 Chinese salvia, 6892
 Chinese salvia, powdered, 6894
 Choline bitartrate, 6896
 Choline chloride, 6898
 Chondroitin sulfate sodium, 6899
 Chondroitin sulfate sodium, shark, 6903
 Chondroitin sulfate sodium tablets, 6902
 Chromium picolinate, 6906
 Chromium picolinate tablets, 6907
 Citrulline, 6907
 Clover, red, 7141
 Clover, powdered red, 7143
 Clover extract, powdered red, 7145
 Clover tablets, red, 7147
 Cod liver oil capsules, 6908
 Cohosh, black, fluidextract, 6842
 Cranberry liquid preparation, 6911
Cryptocodinium cohnii oil, 6912
Cryptocodinium cohnii oil capsules, 6914
 Curcuminoids, 6917
 Curcuminoids capsules, 6918
 Curcuminoids tablets, 6919
 Diosmin, 6922
Echinacea angustifolia, 6923
Echinacea angustifolia, powdered, 6926
Echinacea angustifolia extract, powdered,
 6928
Echinacea pallida, 6931
Echinacea pallida, powdered, 6933
Echinacea pallida, powdered, extract, 6935
Echinacea purpurea aerial parts, 6937
Echinacea purpurea, powdered, 6942
Echinacea purpurea, powdered, extract,
 6944
Echinacea purpurea root, 6940
 Eleuthero, 6947
 Eleuthero, powdered, 6948
 Eleuthero extract, powdered, 6950
 Evening primrose oil, 6951
 Evening primrose oil capsules, 6952
 Fenugreek seed, 6953
 Fenugreek seed powder, 6955
 Fenugreek seed powdered extract, 6958
 Feverfew, 6960
 Feverfew, powdered, 6961
 Fish oil containing omega-3 acids, 6962
 Fish oil containing omega-3 acids capsules,
 6965
 Fish oil containing omega-3 acids delayed-
 release capsules, 6968
 Flax seed oil, 6969
 Flax seed oil capsules, 6969
 Forskohlii, 6970
 Powdered forskohlii, 6972
 Powdered forskohlii extract, 6973

Dietary supplements (continued)

Ganoderma lucidum fruiting body, 6974
 Ganoderma lucidum fruiting body powder, 6978
Garcinia cambogia, 6981
Garcinia cambogia, powdered, 6982
Garcinia hydroxycitrate extract, powdered, 6983
Garcinia indica, 6984
Garcinia indica, powdered, 6986
 Garlic, 6987
 Garlic, powdered, 6989
 Garlic extract, powdered, 6991
 Garlic fluidextract, 6992
 Garlic delayed-release tablets, 6993
 Ginger, 6995
 Ginger, powdered, 6997
 Ginger capsules, 7001
 Ginger tincture, 6999
 Ginkgo, 7003
 Ginkgo extract, powdered, 7005
 Ginkgo capsules, 7008
 Ginkgo tablets, 7010
 Ginseng, American, 6786
 Ginseng, American, capsules, 6790
 Ginseng, American, powdered, 6787
 Ginseng, American extract, powdered, 6789
 Ginseng, American, tablets, 6792
 Ginseng, Asian, 6805
 Ginseng, Asian, powdered, 6807
 Ginseng, Asian extract, powdered, 6808
 Ginseng, Asian, tablets, 6809
 Glucosamine and chondroitin sulfate sodium tablets, 7012
 Glucosamine hydrochloride, 7014
 Glucosamine tablets, 7014
 Glucosamine sulfate potassium chloride, 7015
 Glucosamine sulfate sodium chloride, 7016
 Glucosamine and methylsulfonylmethane tablets, 7017
 Glucosamine, chondroitin sulfate sodium, and methylsulfonylmethane tablets, 7019
 Glutamic acid, 7021
 Glutathione, 7022
 Glycyl-L-glutamine, 7023
 Glycyl-L-tyrosine, 7024
 Goldenseal, 7026
 Goldenseal extract, powdered, 7029
 Goldenseal, powdered, 7027
 Grape seeds oligomeric proanthocyanidins, 7030
 Green tea extract, decaffeinated, powdered, 7032
 Guggul, 7034
 Guggul extract, native, 7035
 Guggul extract, purified, 7036
 Guggul tablets, 7037
 Gymnema, 7038
 Gymnema extract, native, 7041
 Gymnema, powdered, 7040
 Gymnema extract, purified, 7042
 Hawthorn leaf with flower, 7044
 Hawthorn leaf with flower, powdered, 7046
 Hesperidin, 7048
 Holy basil leaf, 7049
 Holy basil leaf powdered, 7051
 Holy basil leaf extract, powdered, 7053
 Horse chestnut, 6888
 Horse chestnut, powdered, 6889
 Horse chestnut extract, powdered, 6891
 5-Hydroxy-L-tryptophan, 7227

Japanese honeysuckle flower, 7055
 Japanese honeysuckle flower dry extract, 7058
 Japanese honeysuckle flower powder, 7060
 Krill oil capsules, 7066
 Krill oil delayed-release capsules, 7069
 Licorice, 7072
 Licorice, powdered, 7073
 Licorice extract, powdered, 7074
 Ground limestone, 7075
 Lipoic acid, alpha, 7076
 Lipoic acid capsules, alpha, 7077
 Lipoic acid tablets, alpha, 7078
 Lutein, 7078
 Lutein capsules, 7079
 Lutein preparation, 7080
 Lycopene, 7081
 Lycopene preparation, 7083
 Lysine hydrochloride tablets, 7087
 Malabar-nut-tree, leaf, 7087
 Malabar-nut-tree, leaf, powdered, 7089
 Malabar-nut-tree, leaf extract, powdered, 7090
 Maritime pine, 7091
 Maritime pine extract, 7092
 Melatonin, 7094
 Melatonin tablets, 7095
 Menaquinone-7, 7096
 Menaquinone-7 capsules, 7097
 Menaquinone-7 preparation, 7098
 Menaquinone-7 tablets, 7100
 Methylcobalamin, 7102
 Methylcobalamin tablets, 7103
 Methylsulfonylmethane, 7104
 Methylsulfonylmethane tablets, 7105
 Milk thistle, 7106
 Milk thistle, powdered, 7107
 Milk thistle extract, powdered, 7109
 Milk thistle capsules, 7110
 Milk thistle tablets, 7112
 Minerals capsules, 7113
 Minerals tablets, 7121
 Northern schisandra fruit, 7184
 Northern schisandra fruit dry extract, 7185
 Northern schisandra fruit powder, 7187
 Omega-3 acids triglycerides, 7128
Phyllanthus amarus, 7131
Phyllanthus amarus, powdered, 7133
 Potassium citrate tablets, 7134
 Powdered *Rhodiola rosea*, 7151
 Powdered *Rhodiola rosea* extract, 7152
 Powdered rosemary, 7161
 Pygeum extract, 7136
 Quercetin, 7140
Rhodiola rosea, 7149
Rhodiola rosea capsules, 7155
Rhodiola rosea tablets, 7157
Rhodiola rosea tincture, 7154
 Ribose, 7159
 Rosemary, 7160
 Rosemary leaf dry aqueous extract, 7163
 Rutin, 7164
 St. John's wort flowering top, 7166
 St. John's wort flowering top dry extract capsules, 7172
 St. John's wort flowering top extract, dry, 7169
 St. John's wort flowering top powder, 7168
 St. John's wort flowering top dry extract tablets, 7173
 Saw palmetto, 7175
 Saw palmetto, powdered, 7177
 Saw palmetto capsules, 7181
 Saw palmetto extract, 7179

Schizochytrium oil, 7189
 Schizochytrium oil capsules, 7191
 Selenomethionine, 7194
 Sodium ferrous citrate, 7195
 Soy isoflavones capsules, 7198
 Soy isoflavones extract, powdered, 7196
 Soy isoflavones tablets, 7200
 Spirulina, 7201
 Spirulina tablets, 7205
 Stinging nettle, 7208
 Stinging nettle extract, powdered, 7211
 Stinging nettle, powdered, 7210
 Tienchi ginseng root and rhizome, 7213
 Tienchi ginseng root and rhizome dry extract capsules, 7223
 Tienchi ginseng root and rhizome dry extract, 7221
 Tienchi ginseng root and rhizome powder, 7216
 Tienchi ginseng root and rhizome powder capsules, 7218
 Tienchi ginseng root and rhizome dry extract tablets, 7225
 Tienchi ginseng root and rhizome powder tablets, 7219
 Tomato extract containing lycopene, 7084
 Turmeric, 7228
 Turmeric, powdered, 7230
 Turmeric extract, powdered, 7232
 Ubidecarenone, 7233
 Ubidecarenone capsules, 7234
 Ubidecarenone tablets, 7235
 Ubiquinol, 7236
 Ubiquinol capsules, 7237
 Valerian, 7238
 Valerian, powdered, 7240
 Valerian extract, powdered, 7241
 Valerian tablets, 7244
 Valerian tincture, 7243
 Vinpocetine, 7245
 Vinpocetine capsules, 7247
 Vinpocetine tablets, 7247
 Vitamin A oral liquid preparation, 6701
 Vitamins capsules, oil- and water-soluble, 7290
 Vitamins with minerals capsules, oil- and water-soluble, 7336
 Vitamins with minerals capsules, water-soluble, 7423
 Vitamins with minerals oral solution, water-soluble, 7443
 Vitamins with minerals tablets, oil- and water-soluble, 7375
 Vitamins with minerals tablets, water-soluble, 7451
 Vitamins tablets, oil- and water-soluble, 7318
 Vitamins capsules, oil-soluble, 7248
 Vitamins capsules, water-soluble, 7400
 Vitamins with minerals oral solution, oil- and water-soluble, 7361
 Oil-soluble vitamins with minerals capsules, 7265
 Oil-soluble vitamins with minerals oral solution, 7275
 Oil-soluble vitamins with minerals tablets, 7280
 Vitamins oral solution, oil- and water-soluble, 7309
 Oil-soluble vitamins oral solution, 7255
 Vitamins tablets, oil-soluble, 7258
 Vitamins tablets, water-soluble, 7412
meso-Zeaxanthin, 7470
meso-Zeaxanthin preparation, 7471
 Zinc citrate, 7473

Dietary supplements (continued)

Zinc citrate tablets, 7474

Zinc and vitamin C lozenges, 7475

Diethanolamine, 7638

Diethylamine, 2352

Diethylamine phosphate, 2352

N,N-Diethylaniline, 2352Diethylcarbamazine citrate, 3752
tablets, 3753

Diethylene glycol, 2352

monoethyl ether, 7640

stearates, 7642

succinate polyester, 2352

Di(ethylene glycol) methyl ether, 2352

Diethylenetriamine, 2352

Di(2-ethylhexyl)phthalate, 2352

Diethyl phthalate, 7639

Diethylpropion hydrochloride, 3753
tablets, 3754

Diethylpyrocarbonate, 2352

Diethyl sebacate, 7639

Diethylstilbestrol, 3755

injection, 3756

tablets, 3756

Diethyl sulfone, 2352

Diethyltoluamide, 3757

topical solution, 3757

Diflorasone diacetate, 3758

cream, 3759

ointment, 3759

Diflunisal, 3759

tablets, 3760

Digitalis, 3761

capsules, 3763

powdered, 3762

tablets, 3763

Digitonin, 2352

Digitoxin, 3764

injection, 3764

tablets, 3765

Digoxigenin, 2352

Digoxin, 3766

injection, 3767

oral solution, 3768

tablets, 3768

Dihydrocodeine bitartrate, 3769

aspirin and caffeine capsules, 2881

Dihydroergotamine mesylate, 3770

injection, 3771

24,25-Dihydrolanosterol, 2352

Dihydroquinidine hydrochloride, 2353

Dihydroquinine, 2353

Dihydrostreptomycin

injection, 3773

sulfate, 3771

sulfate boluses, 3772

sulfate, penicillin G procaine,

chlorpheniramine maleate, and

dexamethasone injectable suspension,
5612

sulfate and penicillin G procaine injectable

suspension, 5611

sulfate and penicillin G procaine

intramammary infusion, 5611

sulfate, penicillin G procaine, and

prednisolone injectable suspension, 5614

Dihydrotachysterol, 3773

capsules, 3773

oral solution, 3774

tablets, 3774

Dihydroxyacetone, 3775

Dihydroxyaluminum

aminoacetate, 3775

aminoacetate magma, 3776

sodium carbonate, 3776

sodium carbonate chewable tablets, 3778

2,5-Dihydroxybenzoic acid, 2353

2,7-Dihydroxynaphthalene, 2353

2,7-Dihydroxynaphthalene TS, 2415

4,5-Dihydroxy-3-(*p*-sulfophenylazo)-2,7-
naphthalenedisulfonic acid, trisodium salt,
2407

Diiodofluorescein, 2353

TS, 2415

Diisodecyl phthalate, 2353

Diisopropanolamine, 7643

Diisopropyl ether, 2353, 2357, 2366

Diisopropylamine, 2353

Diisopropylethylamine, 2353

1,2-Dilinooleoyl-3-oleoyl-rac-glycerol, 2353

1,2-Dilinooleoyl-3-palmitoyl-rac-glycerol, 2353

Diloxanide furoate, 3778

Diltiazem hydrochloride, 3779

extended-release capsules, 3780

oral solution, 3784

oral suspension, 3785

tablets, 3786

Diluted

acetic acid, 2353, 7497

alcohol, 2353

hydrochloric acid, 2353

lead subacetate TS, 2415

nitric acid, 2353

sulfuric acid, 2353

Dimenhydrinate, 3787

injection, 3788

oral solution, 3789

tablets, 3790

Dimercaprol, 3791

injection, 3791

Dimethicone, 7643

viscosity 500 centistokes, 2354

2,5-Dimethoxybenzaldehyde, 2354

1,2-Dimethoxyethane, 2354

Dimethoxymethane, 2354

(3,4-Dimethoxyphenyl)-acetonitrile, 2354

Dimethyl

phthalate, 2354

sulfone, 2354

sulfoxide, 2354, 2371, 3792

sulfoxide gel, 3792

sulfoxide irrigation, 3793

sulfoxide topical solution, 3793

sulfoxide spectrophotometric grade, 2354

N,N-Dimethylacetamide, 2354*p*-Dimethylaminoazobenzene, 2354*p*-Dimethylaminobenzaldehyde, 2354

TS, 2415

p-Dimethylaminocinnamaldehyde, 2354

2-Dimethylaminoethyl methacrylate, 2354

Dimethylaminophenol, 2354

Dimethylaniline (223), 287

2,6-Dimethylaniline, 2354

N,N-Dimethylaniline, 2354

3,4-Dimethylbenzophenone, 2355

5,5-Dimethyl-1,3-cyclohexanedione, 2355

N,N-Dimethyldecylamine, 2355

1,5-Dimethyl-1,5-diazaundecamethylene

polymethobromide, 2355

N,N-Dimethyldodecylamine-*N*-oxide, 2355

Dimethylethyl(3-hydroxyphenyl)ammonium

chloride, 2355

Dimethylformamide, 2355

N,N-Dimethylformamide diethyl acetal, 2355

1,3-Dimethyl-2-imidazolidinone, 2355

1,9-Dimethyl-methylene blue, 2355

N,N-Dimethyl-1-naphthylamine, 2355*N,N*-Dimethyloctylamine, 2355

2,5-Dimethylphenol, 2355

2,6-Dimethylphenol, 2355

3,5-Dimethylphenol, 2355

3-(4,5-Dimethylthiazol-2-yl)-2,5-diphenyl

tetrazolium bromide, 2355

Dimethyltin dibromide, 2355

N,N-Dimethyl-*p*-phenylenediamine

dihydrochloride, 2355

m-Dinitrobenzene, 2355

3,5-Dinitrobenzoyl chloride, 2355

2,4-Dinitrochlorobenzene, 2356

2,4-Dinitrofluorobenzene, 2356

2,4-Dinitrophenylhydrazine, 2356

Dinitrophenylhydrazine TS, 2415

Dinoprost tromethamine, 3794

injection, 3795

Dinoprostone, 3796

Diocetyl sodium sulfosuccinate, 2356

Diosmin, 6922

Dioxane, 2356

Dioxybenzone, 3797

and oxybenzone cream, 3797

Diphenhydramine

citrate, 3798

citrate and acetaminophen tablets, 2569

citrate and ibuprofen tablets, 3799

hydrochloride, 3802

hydrochloride, acetaminophen, and

pseudoephedrine hydrochloride tablets,
2570

hydrochloride capsules, 3803

hydrochloride injection, 3805

hydrochloride oral solution, 3806

hydrochloride and ibuprofen capsules,

3808

and phenylephrine hydrochloride tablets,

3810

and pseudoephedrine capsules, 3813

Diphenoxylate hydrochloride, 3814

and atropine sulfate oral solution, 3815

and atropine sulfate tablets, 3816

Diphenyl ether, 2356, 2357, 2378

Diphenylamine, 2356

TS, 2415

Diphenylborinic acid, ethanalamine ester,

2331, 2356

Diphenylcarbazine, 2356

Diphenylcarbazone, 2356

TS, 2415

2,2-Diphenylglycine, 2356

Diphtheria antitoxin potency testing for

human immune globulins (162), 239

Dipicrylamine, 2356

Dipivefrin hydrochloride, 3817

ophthalmic solution, 3819

Dipropyl phthalate, 2356

Dipyridamole, 3820

injection, 3820

oral suspension, 3821

tablets, 3822

4,4'-Dipyridyl, 2356

 α,α' -Dipyridyl, 2356

Direct red 80, 2386

Dirithromycin, 3823

delayed-release tablets, 3824

Disinfectants and antiseptics (1072), 1212

Disintegration

(701), 584

and dissolution of dietary supplements

(2040), 2270

Disodium

chromotropate, 2356

ethylenediaminetetraacetate, 2356

Disopyramide phosphate, 3825
 capsules, 3825
 extended-release capsules, 3826
 Dissolution (711), 588
 The dissolution procedure: development and validation (1092), 1296
 Distilling range (721), 598
 Disulfiram, 3827
 tablets, 3827
 5,5'-Dithiobis (2-nitrobenzoic acid), 2356
 Dithiothreitol, 2356
 Dithizone, 2356
 TS, 2415
 Divalproex sodium, 3828
 delayed-release capsules, 3828
 delayed-release tablets, 3831
 extended-release tablets, 3832
 Dobutamine
 in dextrose injection, 3843
 hydrochloride, 3840
 injection, 3841
 for injection, 3842
 Docetaxel, 3844
 injection, 3846
 Docusate
 calcium, 3848
 calcium capsules, 3849
 potassium, 3850
 potassium capsules, 3851
 sodium, 3852
 sodium capsules, 3853
 sodium and ferrous fumarate extended-release tablets, 4170
 sodium solution, 3853
 sodium syrup, 3854
 sodium tablets, 3855
 1-Dodecanol, 2356
 Dodecyl
 alcohol, 2356
 lithium sulfate, 2356
 sodium sulfonate, 2356
 3-(Dodecyldimethylammonio)
 propanesulfonate, 2356
 Dodecyltriethylammonium phosphate, 0.5 M, 2357
 Dodecyltrimethylammonium bromide, 2357
 Dofetilide, 3855
 Dolasetron mesylate, 3856
 oral solution, 3858
 oral suspension, 3858
 Donepezil hydrochloride, 3859
 tablets, 3861
 orally disintegrating tablets, 3863
 Dopamine hydrochloride, 3865
 and dextrose injection, 3866
 injection, 3865
 Dorzolamide
 Hydrochloride and timolol maleate
 ophthalmic solution, 3869
 Dorzolamide hydrochloride
 ophthalmic solution, 3868
 Dorzolamide hydrochloride, 3867
 Doxapram hydrochloride, 3872
 injection, 3873
 Doxazosin mesylate, 3874
 tablets, 3876
 Doxepin hydrochloride, 3877
 capsules, 3878
 oral solution, 3879
 Doxercalciferol, 3880
 Doxorubicin hydrochloride, 3882
 injection, 3884
 for injection, 3885
 Doxycycline, 3887
 calcium oral suspension, 3894

capsules, 3888
 extended-release capsules, 3889
 hyclate, 3896
 hyclate capsules, 3897
 hyclate delayed-release capsules, 3899
 hyclate tablets, 3900
 hyclate delayed-release tablets, 3902
 for injection, 3891
 for oral suspension, 3892
 tablets, 3893
 Doxycycline compounded, veterinary oral suspension, 3895
 Doxylamine succinate, 3906
 acetaminophen, dextromethorphan
 hydrobromide, and pseudoephedrine
 hydrochloride oral solution, 2567
 oral solution, 3906
 tablets, 3907
 Drabkin's reagent, 2357
 Dragendorff's TS, 2415
 Dried peptone, 2357
 Dronabinol, 3907
 capsules, 3908
 Dronedarone
 hydrochloride, 3909
 tablets, 3910
 Droperidol, 3912
 injection, 3912
 Drospirenone, 3913
 and ethinyl estradiol tablets, 3916
 Drug release (724), 600
 Dry heat depyrogenation (1228.1), 1795
 Dry heat sterilization (1229.8), 1840
 Duloxetine
 delayed-release capsules, 3919
 Duloxetine hydrochloride, 3922
 Dusting powder, absorbable, 3926
 Dutasteride, 3924
 Dyclonine hydrochloride, 3926
 gel, 3927
 topical solution, 3927
 Dydrogesterone, 3928
 tablets, 3928
 Dyphylline, 3929
 and guaifenesin oral solution, 3931
 and guaifenesin tablets, 3932
 injection, 3929
 oral solution, 3930
 tablets, 3930

E

Earth, chromatographic, silanized, acid-base washed, 2357
 Ecamsule
 solution, 3933
Echinacea
angustifolia, 6923
angustifolia, powdered, 6926
angustifolia extract, powdered, 6928
pallida, 6931
pallida, powdered, 6933
pallida extract, powdered, 6935
purpurea aerial parts, 6937
purpurea, powdered, 6942
purpurea root, 6940
purpurea extract, powdered, 6944
 Echothiophate
 iodide, 3935
 iodide for ophthalmic solution, 3936
 Econazole nitrate, 3937

Edetate
 calcium disodium, 3938
 calcium disodium injection, 3939
 disodium, 2356, 2357, 3940
 disodium injection, 3941
 disodium TS, 2415
 disodium, twentieth-molar (0.05 M), 2425
 Edetate disodium
 0.01 M TS, 2415
 Edetic acid, 2357, 7645
 Edrophonium
 chloride, 3941
 chloride injection, 3941
 Efavirenz, 3942
 capsules, 3945
 Tablets, 3947
 Egg phospholipids, 7646
n-Eicosane, 2357
 Eicosanol, 2357
 Elastomeric closures for injections (381), 326
 Electrolytes
 and dextrose injection type 1, multiple, 3954
 and dextrose injection type 2, multiple, 3958
 and dextrose injection type 3, multiple, 3961
 and polyethylene glycol 3350 for oral solution, 5748
 injection type 1, multiple, 3949
 injection type 2, multiple, 3952
 Elemental contaminants in dietary supplements (2232), 2278
 Elemental impurities—limits (232), 295
 Elemental impurities—procedures (233), 298
 Elements
 injection, trace, 3964
 Eleuthero, 6947
 extract, powdered, 6950
 powdered, 6948

Elixir

Aromatic, 7521
 Benzaldehyde, compound, 7530
 Dexamethasone, 3671
 Fluphenazine hydrochloride, 4271
 Hyoscyamine sulfate, 4550

Elm, 3965
 Emedastine
 difumarate, 3966
 ophthalmic solution, 3966
 Emetine hydrochloride, 3967
 injection, 3968
 Enalapril maleate, 3969
 and hydrochlorothiazide tablets, 3973
 tablets, 3971
 Enalaprilat, 3975
 injection, 3976
 Enalapril maleate
 oral suspension, 3970
 Enalapril maleate compounded, veterinary oral suspension, 3970
 Endotoxin indicator for depyrogenation, 3977
 Endotoxin indicators for depyrogenation (1228.5), 1803
 Enflurane, 3978
 Enoxaparin sodium, 3979
 injection, 3982

Enrofloxacin, 3984
 Enrofloxacin compounded, veterinary
 oral suspension, 3986
 Ensulizole, 3987
 Entacapone, 3987
 tablets, 3988
 Entecavir, 3990
 tablets, 3992
 Enzacamene, 3993
 Enzymatically-hydrolyzed
 carboxymethylcellulose sodium, 7581
 Enzymes used as ancillary materials in
 pharmaceutical manufacturing (89), 177
 Eosin Y, 2357, 2407
 TS, 2415
 Ephedrine, 3994
 hydrochloride, 3995
 hydrochloride, theophylline, and
 phenobarbital tablets, 6424
 sulfate, 3996
 sulfate capsules, 3996
 sulfate injection, 3997
 sulfate nasal solution, 3998
 sulfate oral solution, 3998
 Epiandrosterone, 2357
 4-Epianhydrotetracycline (226), 288
 15-Epicarboprost, 2357
 Epinephrine, 3998
 and articaine hydrochloride injection, 2864
 assay (391), 331
 bitartrate, 4002
 bitartrate inhalation aerosol, 4002
 bitartrate ophthalmic solution, 4003
 bitartrate for ophthalmic solution, 4004
 and bupivacaine hydrochloride injection,
 3068
 and cocaine and tetracaine hydrochlorides
 topical solution, 3542
 inhalation aerosol, 3999
 inhalation solution, 4000
 injection, 4000
 and lidocaine hydrochloride injection,
 4853
 nasal solution, 4001
 ophthalmic solution, 4001
 and prilocaine injection, 5828
 and procaine hydrochloride injection, 5843
 Epinephryl borate ophthalmic solution, 4004
 Epirubicin hydrochloride, 4005
 injection, 4006
 Epitetracycline hydrochloride, 4007
 Eprinomectin, 4009
 Equilenin, 2357
 Equilin, 4011
 Ergocalciferol, 4011
 capsules, 4013
 oral solution, 4014
 tablets, 4015
 α-Ergocryptine, 2357
 Ergoloid mesylates, 4015
 capsules, 4016
 oral solution, 4017
 sublingual tablets, 4019
 tablets, 4018
 Ergonovine maleate, 4019
 injection, 4020
 tablets, 4021
 Ergotamine tartrate, 4022
 and caffeine suppositories, 4026
 and caffeine tablets, 4027
 inhalation aerosol, 4023
 injection, 4024
 sublingual tablets, 4026
 tablets, 4025

Eriochrome
 black T, 2407
 black TS, 2415
 black T-sodium chloride indicator, 2357,
 2408
 black T trituration, 2407
 cyanine R, 2357
 cyanine TS, 2415
 Erythorbic acid, 7647
 Erythritol, 7648
 Erythromycin, 4030
 and benzoyl peroxide topical gel, 4038
 delayed-release capsules, 4032
 estolate, 4038
 estolate capsules, 4039
 estolate and sulfisoxazole acetyl oral
 suspension, 4040
 estolate oral suspension, 4039
 estolate for oral suspension, 4040
 estolate tablets, 4040
 ethylsuccinate, 4041
 ethylsuccinate injection, 4043
 ethylsuccinate, sterile, 4043
 ethylsuccinate and sulfisoxazole acetyl for
 oral suspension, 4046
 ethylsuccinate oral suspension, 4043
 ethylsuccinate for oral suspension, 4044
 ethylsuccinate tablets, 4044
 topical gel, 4032
 gluceptate, sterile, 4047
 injection, 4033
 intramammary infusion, 4033
 lactobionate for injection, 4047
 lactobionate, sterile, 4048
 ointment, 4033
 ophthalmic ointment, 4034
 pledgets, 4036
 topical solution, 4036
 stearate, 4048
 stearate tablets, 4049
 tablets, 4036
 delayed-release tablets, 4037
 Erythropoietin bioassays (124), 213
 Escin, 2357
 Escitalopram
 oral solution, 4050
 Escitalopram oxalate, 4054
 Escitalopram
 tablets, 4052
 Esmolol hydrochloride, 4056
 Esomeprazole magnesium, 4057
 delayed-release capsules, 4059
 Estazolam, 4061
 tablets, 4062
 Estradiol, 4063
 vaginal cream, 4064
 vaginal inserts, 4065
 transdermal system, 4067
 tablets, 4070
 benzoate, 4073
 cypionate, 4075
 cypionate injection, 4076
 and norethindrone acetate tablets, 4071
 valerate, 4076
 valerate injection, 4077
 Estriol, 4078
 Estrogens
 conjugated, 4079
 esterified, 4083
 tablets, conjugated, 4081
 tablets, esterified, 4085
 Estrone, 4086
 injectable suspension, 4086
 Estropipate, 4087
 tablets, 4089

vaginal cream, 4088
 Eszopiclone, 4090
 tablets, 4091
 Ethacrynate sodium for injection, 4093
 Ethacrynic acid, 4094
 tablets, 4094
 Ethambutol hydrochloride, 4095
 rifampin, isoniazid, and pyrazinamide
 tablets, 6013
 tablets, 4096
 Ethanesulfonic acid, 2357
 Ethchlorvynol, 4097
 capsules, 4098
 Ether, 2357, 4099
 absolute, 2327, 2357
 diphenyl, 2357
 isopropyl, 2357
 nonyl phenyl polyethylene glycol, 2357
 peroxide-free, 2357
 Ethidium bromide, 2357
 Ethinyl estradiol, 4100
 and desogestrel tablets, 3663
 and drospirenone tablets, 3916
 and ethynodiol diacetate tablets, 4110
 and levonorgestrel tablets, 4837
 and norethindrone acetate tablets, 5387
 and norethindrone tablets, 5384
 and norgestimate tablets, 5393
 and norgestrel tablets, 5396
 tablets, 4100
 Ethiodized oil injection, 4102
 Ethionamide, 4103
 tablets, 4103
 Ethopabate, 4104
 Ethosuximide, 4105
 capsules, 4105
 oral solution, 4106
 Ethotoin, 4107
 tablets, 4108
 4'-Ethoxyacetophenone, 2357
 2-Ethoxyethanol, 2358
 Ethyl
 acetate, 2358, 7649
 acrylate, 2358
 acrylate and methacrylic acid copolymer,
 7756
 acrylate and methacrylic acid copolymer,
 partially-neutralized, 7760
 acrylate and methyl methacrylate
 copolymer dispersion, 7650
 alcohol, 2358
 arachidate, 2358
 benzoate, 2358
 chloride, 4109
 cyanoacetate, 2358
 ether, 2357, 2358
 ether, anhydrous, 2327, 2357, 2358
 maltol, 7651
 oleate, 7652
 salicylate, 2358
 vanillin, 7653
 2-Ethylaminopropiophenone hydrochloride,
 2358
 4-Ethylbenzaldehyde, 2358
 Ethylbenzene, 2358
 Ethylcellulose, 7653
 aqueous dispersion, 7654
 dispersion type b, 7655
 Ethylene
 dichloride, 2351, 2358
 glycol, 2358
 glycol, diethylene glycol, and triethylene
 glycol in ethoxylated substances (469),
 384
 glycol monoethyl ether, 2358

Ethylene (*continued*)
 glycol stearates, 7661
 glycol and vinyl alcohol graft copolymer, 7658
 oxide and dioxane (228), 290
 oxide in methylene chloride (50 mg/mL), 2358
 Ethylenediamine, 2358, 4109
 N-Ethylmaleimide, 2358
 2-Ethyl-2-methylsuccinic acid, 2358
 Ethylparaben, 7661
 Ethylparaben sodium, 7662
 1-Ethylquinaldinium iodide, 2359
 Ethynodiol diacetate, 4110
 and ethinyl estradiol tablets, 4110
 and mestranol tablets, 4111
 Etidronate disodium, 4112
 tablets, 4113
 Etodolac, 4114
 capsules, 4115
 tablets, 4116
 extended-release tablets, 4116
 Etomidate, 4118
 injection, 4119
 Etoposide, 4120
 capsules, 4122
 injection, 4123
 Eucalyptol, 4125
 Eucalyptus oil, 7663
 Eugenol, 4125
 Evaluation of plastic packaging systems and their materials of construction with respect to their user safety impact (1661), 2012
 Evaluation of the inner surface durability of glass containers (1660), 2007
 Evening primrose oil, 6951
 capsules, 6952
 Excipient biological safety evaluation guidelines (1074), 1217
 Excipient performance (1059), 1143
 Excipients
 USP and NF, listed by category, 7485
 Exemestane, 4126
 Expert committees (2015–2020), xii
Food Chemicals Codex, xvii
National Formulary, xvi
United States Pharmacopeia, xii
United States Pharmacopeia and the Dietary Supplements Compendium, xvi
United States Pharmacopeia and USP on Compounding, xvii
 Expert Panels for the Council of Experts
 Executive Committee, xii

Extract

Andrographis, powdered, 6797
 Ashwagandha root, powdered, 6804
 Astragalus root, dry, 6817
 Aztec Marigold Zeaxanthin Extract, 6819
Bacillus subtilis subsp. *subtilis*
 menaquinone-7, 7101
 Bacopa, powdered, 6824
 Banaba leaf, dry, 6828
 Beef, 2336
 Belladonna, 2958
 Belladonna tablets, 2959
 Bilberry, powdered, 6834
 Black cohosh, powdered, 6840
 Black pepper, powdered, 6849
Boswellia serrata, 6853
 Cascara fluidextract, aromatic, 3233
 Cascara sagrada, 3230

Cascara sagrada fluidextract, 3233
 Cat's claw, powdered, 6871
Centella asiatica, powdered, 6878
 Chaste tree, powdered, 6886
 Clover, red, powdered, 7145
Echinacea angustifolia, powdered, 6928
Echinacea pallida, powdered, 6935
Echinacea purpurea, powdered, 6944
 Eleuthero, powdered, 6950
 Fenugreek seed, powdered, 6958
 Garcinia hydroxycitrate, powdered, 6983
 Garlic, powdered, 6991
 Garlic fluidextract, 6992
 Ginkgo, powdered, 7005
 Ginseng, American, powdered, 6789
 Ginseng, Asian, powdered, 6808
 Goldenseal, powdered, 7029
 Green tea, decaffeinated, powdered, 7032
 Guggul, native, 7035
 Guggul, purified, 7036
 Gymnema, native, 7041
 Gymnema, purified, 7042
 Holy basil leaf powdered, 7053
 Horse chestnut, powdered, 6891
 Japanese honeysuckle flower, dry, 7058
 Licorice, powdered, 7074
 Licorice fluidextract, 7733
 Malabar-nut-tree, leaf, powdered, 7090
 Maritane pine, 7092
 Milk thistle, powdered, 7109
 Northern schisandra fruit, dry, 7185
 Powdered *Rhodiola rosea*, 7152
 Pygeum, 7136
 Pyrethrum, 5921
 Saw palmetto, 7179
 Senna fluidextract, 6142
 Soy isoflavones, powdered, 7196
 Stinging nettle, powdered, 7211
 St. John's wort flowering top, dry, 7169
 Tienchi ginseng root and rhizome, dry, 7221
 Tomato, containing lycopene, 7084
 Turmeric, powdered, 7232
 Valerian, powdered, 7241
 Yeast, 2406

Ezetimibe, 4127
 tablets, 4129

F

F 18
 injection, fludeoxyglucose, 4250
 injection, sodium fluoride, 4251
 Factor IX complex, 4132
 Factor X_a (activated factor X) for anti-factor X_a test, 2359
 Famciclovir, 4132
 Famciclovir compounded
 oral suspension, 4135
 Famotidine, 4136
 injection, 4137
 for oral suspension, 4139
 tablets, 4140
 Fast
 blue B salt, 2359
 blue BB salt, 2359
 green FCF, 2359
 Fat, hard, 7665
 Fats and fixed oils (401), 332
 FD&C blue no. 1, 2359
 Fehling's solution, 2415
 Felbamate, 4142
 oral suspension, 4143
 tablets, 4145
 Felodipine, 4146
 extended-release tablets, 4148
 Fenbendazole, 4151
 Fennel oil, 7665
 Fenofibrate, 4153
 capsules, 4154
 tablets, 4157
 Fenoldopam mesylate, 4159
 injection, 4160
 Fenopropfen calcium, 4161
 capsules, 4163
 tablets, 4163
 Fentanyl, 4164
 Fentanyl citrate, 4165
 injection, 4166
 Fenugreek seed, 6953
 powdered extract, 6958
 powder, 6955
 Ferric
 ammonium citrate, 2359, 2776
 ammonium citrate for oral solution, 2777
 ammonium sulfate, 2359
 ammonium sulfate, tenth-normal (0.1 N), 2426
 ammonium sulfate TS, 2415
 chloride, 2359
 chloride CS, 2411
 chloride TS, 2415
 nitrate, 2359
 oxide, 7665
 subsulfate solution, 4166
 sulfate, 2359, 4167
 Ferrocypen, 2360
 Ferroin TS, 2415
 Ferrosoferric oxide, 7667
 Ferrous
 ammonium sulfate, 2360
 ammonium sulfate, tenth-normal (0.1 N), 2426
 fumarate, 4168
 fumarate and docusate sodium extended-release tablets, 4170
 fumarate tablets, 4169
 gluconate, 4171
 gluconate capsules, 4173
 gluconate oral solution, 4174
 gluconate tablets, 4175
 sulfate, 2360, 4176
 sulfate, dried, 4178
 sulfate oral solution, 4177
 sulfate syrup, 4177
 sulfate tablets, 4178
 sulfate TS, 2415
 sulfate, acid, TS, 2412, 2415
 0.07 N Ferrous ammonium sulfate, 2426
 Ferulic acid, 2360
 Ferumoxides injection, 4180
 Ferumoxsil oral suspension, 4182
 Fetal bovine serum—quality attributes and functionality tests (90), 190
 Feverfew, 6960
 powdered, 6961
 Fexofenadine hydrochloride, 4182
 capsules, 4184
 and pseudoephedrine hydrochloride
 extended-release tablets, 4189
 tablets, 4186
 Fibroblast growth factor-2, 2360

Fibroblasts
 bilayer synthetic scaffold, construct human, 3561
 polyglactin scaffold, construct human, 3565
 Filgrastim, 4196
 Filter paper, quantitative, 2360, 2375, 2376, 2385
 Finasteride, 4201
 tablets, 4201
 Fish oil containing omega-3 acids, 6962
 capsules, 6965
 delayed-release capsules, 6968
 Flame photometry for reagents, 2325
 Flavoxate hydrochloride, 4202
 tablets, 4204
 Flax seed oil, 6969
 capsules, 6969
 Flecainide acetate, 4205
 oral suspension, 4206
 tablets, 4207
 Flow Cytometric Enumeration Of CD34+ Cells (127), 216
 Flow cytometry (1027), 876
 Floxuridine, 4208
 for injection, 4208
 Fluconazole, 4209
 in dextrose injection, 4214
 for oral suspension, 4219
 injection, 4211
 in sodium chloride injection, 4216
 tablets, 4221
 Flucytosine, 4222
 capsules, 4223
 oral suspension, 4223
 Fludarabine phosphate, 4224
 injection, 4226
 for injection, 4228
 Fludeoxyglucose F18 injection, 4250
 Fludrocortisone acetate, 4229
 tablets, 4229
 Flumazenil, 4231
 injection, 4232
 Flumethasone pivalate, 4233
 cream, 4233
 Flunisolide, 4234
 nasal solution, 4235
 Flunixin meglumine, 4236
 granules, 4237
 injection, 4238
 paste, 4239
 Fluocinolone acetonide, 4239
 cream, 4240
 and neomycin sulfate cream, 5305
 ointment, 4241
 topical solution, 4241
 Fluocinonide, 4242
 cream, 4243
 gel, 4243
 ointment, 4244
 topical solution, 4244
 Fluorene, 2360
 9-Fluorenylmethyl chloroformate, 2360
 Fluorescamine, 2360
 Fluorescein, 4245
 injection, 4245
 sodium, 4246
 sodium and benoxinate hydrochloride ophthalmic solution, 4248
 sodium ophthalmic strips, 4247
 sodium and proparacaine hydrochloride ophthalmic solution, 4249
 Fluorescence spectroscopy (853), 777
 Fluorescence spectroscopy—theory and practice (1853), 2211

Fluorine
 F 18 injection, fludeoxyglucose, 4250
 F 18 injection, sodium fluoride, 4251
 4'-Fluoroacetophenone, 2360
 Fluorometholone, 4252
 acetate, 4255
 acetate and tobramycin ophthalmic suspension, 6503
 cream, 4253
 and neomycin sulfate ointment, 5305
 ophthalmic suspension, 4254
 Fluorouracil, 4256
 cream, 4258
 injection, 4258
 topical solution, 4259
 Fluoxetine
 capsules, 4259
 delayed-release capsules, 4261
 hydrochloride, 4265
 and olanzapine capsules, 5418
 oral solution, 4262
 tablets, 4263
 Fluoxymesterone, 4266
 tablets, 4267
 Fluphenazine
 decanoate, 4268
 decanoate injection, 4269
 enanthate, 4270
 enanthate injection, 4270
 hydrochloride, 4271
 hydrochloride elixir, 4271
 hydrochloride injection, 4272
 hydrochloride oral solution, 4273
 hydrochloride tablets, 4274
 Flurandrenolide, 4275
 cream, 4275
 lotion, 4276
 and neomycin sulfate cream, 5305
 and neomycin sulfate lotion, 5306
 and neomycin sulfate ointment, 5306
 ointment, 4277
 tape, 4277
 Flurazepam hydrochloride, 4278
 capsules, 4279
 Flurbiprofen, 4279
 sodium, 4281
 sodium ophthalmic solution, 4282
 tablets, 4280
 Flutamide, 4283
 capsules, 4284
 Fluticasone
 propionate and salmeterol inhalation aerosol, 4303
 propionate and salmeterol inhalation powder, 4309
 Fluticasone propionate, 4285
 cream, 4287
 inhalation aerosol, 4288
 inhalation powder, 4293
 nasal spray, 4298
 ointment, 4301
 Fluvastatin
 capsules, 4317
 sodium, 4315
 Fluvoxamine maleate, 4318
 tablets, 4319
 Folic acid, 4322
 assay (411), 345
 injection, 4323
 tablets, 4323
 Folin-ciocalteu phenol TS, 2415
 Fondaparinux sodium, 4324
 injection, 4327
 Formaldehyde
 solution, 2360, 2415, 4330

TS, 2415
 Formamide, 2360
 anhydrous, 2360
 Formic acid, 2360
 96 percent, 2360
 anhydrous, 2360
 Formoterol fumarate, 4330
 Forskohlii, 6970
 extract, powdered, 6973
 powdered, 6972
 Foscarnet sodium, 4332
 Fosfomycin tromethamine, 4333
 Fosinopril sodium, 4335
 and hydrochlorothiazide tablets, 4338
 tablets, 4337
 Fosphenytoin sodium, 4340
 injection, 4341
 Fructose, 4342
 injection, 4343
 and sodium chloride injection, 4344
 Fuchsin
 basic, 2336, 2360, 4344
 pyrogallol TS, 2415
 sulfurous acid TS, 2415
 Fuller's earth, chromatographic, 2347, 2360
 Fulvestrant, 4345
 Fumaric acid, 7670
 Fuming
 nitric acid, 2361
 sulfuric acid, 2361
 Furazolidone, 4346
 oral suspension, 4347
 tablets, 4347
 Furfural, 2361
 Furosemide, 4347
 injection, 4348
 oral solution, 4349
 tablets, 4350

G

G designations, 2361
 Ga 67 injection, gallium citrate, 4379
 Gabapentin, 4351
 capsules, 4352
 tablets, 4353
 Gadodiamide, 4355
 injection, 4357
 Gadolinium (Gd III) acetate hydrate, 2361
 Gadolinium sulfate, 2361
 Gadopentetate dimeglumine injection, 4359
 Gadoteridol, 4360
 injection, 4363
 Gadoversetamide, 4364
 injection, 4366
 Galactose, 7670
 Galageenan, 7671
 Galantamine
 extended-release capsules, 4367
 hydrobromide, 4375
 oral solution, 4372
 tablets, 4373
 Gallamine triethiodide, 4378
 injection, 4379
 Gallium citrate Ga 67 injection, 4379
 Gamma cyclodextrin, 7628
 Ganciclovir, 4380
 for injection, 4381
 oral suspension, 4381
 Ganoderma lucidum fruiting body, 6974

Ganoderma lucidum fruiting body powder, 6978
Garcinia cambogia, 6981
 powdered, 6982
Garcinia hydroxycitrate
 extract, powdered, 6983
Garcinia indica, 6984
 powdered, 6986
 Garlic, 6987
 delayed-release tablets, 6993
 extract, powdered, 6991
 fluidextract, 6992
 powdered, 6989
 Gaseous sterilization (1229.7), 1837
 Gastric fluid, simulated, TS, 2415, 2420
 Gauze
 absorbent, 4382
 petrolatum, 4383
 Gel
 Adapalene, 2598
 Aluminum hydroxide, 2682
 Aluminum hydroxide, dried, 2682
 Aluminum hydroxide capsules, dried, 2683
 Aluminum hydroxide tablets, dried, 2683
 Aluminum phosphate, 2684
 Aminobenzoic acid, 2726
 Benzocaine, 2972
 Benzocaine, butamben, and tetracaine hydrochloride, 2979
 Benzoyl peroxide, 2988
 Betamethasone benzoate, 3003
 Chromatographic silica, 2347
 Chromatographic silica mixture, 2347
 Clindamycin phosphate, 3483
 Desoximetasone, 3667
 Dexamethasone, 3672
 Dimethyl sulfoxide, 3792
 Dyclonine hydrochloride, 3927
 Erythromycin and benzoyl peroxide, topical, 4038
 Erythromycin, topical, 4032
 Fluocinonide, 4243
 Gelatin, 7672
 Gelatin film, absorbable, 4384
 Gelatin sponge, absorbable, 4384
 Gelatin TS, 2415
 Hydrocortisone, 4507
 Indomethacin, topical, 4600
 Metronidazole, 5151
 Naftifine hydrochloride, 5269
 Phenol topical, camphorated, 5667
 Salicylic acid, 6095
 Selegiline compounded topical, 6138
 Silica, 2387
 Silica, binder-free, 2388
 Silica, chromatographic, 2347, 2388
 Silica, impregnated glass microfiber sheet, 2388
 Silica mixture, chromatographic, 2347, 2388
 Silica mixture, chromatographic, with chemically bound amino groups, 2388
 Silica mixture, dimethylsilanized, chromatographic, 2388
 Silica mixture, octadecylsilanized chromatographic, 2388
 Silica mixture, octylsilanized, chromatographic, 2388
 Silica, octadecylsilanized chromatographic, 2388
 Silica, porous, 2388
 Sodium fluoride and phosphoric acid, 6191
 Sodium sulfide topical, 6209
 Stannous fluoride, 6226

Tolnaftate, 6517
 Tretinoin, 6555
 Gelatin, 7672
 film, absorbable, 4384
 sponge, absorbable, 4384
 TS, 2415
 Gellan gum, 7674
 Gemcitabine
 for injection, 4386
 hydrochloride, 4384
 Gemfibrozil, 4387
 capsules, 4388
 tablets, 4389
 Gene therapy products (1047), 1031

General chapters

- (1) Injections and implanted drug products (parenterals)—product quality tests, 67
- (2) Oral drug products—product quality tests, 74
- (3) Topical and transdermal drug products—product quality tests, 78
- (4) Mucosal drug products—product quality tests, 86
- (5) Inhalation and nasal drug products general information and product quality tests, 90
- (7) Labeling, 98
- (11) USP reference standards, 104
- (17) Prescription container labeling, 107
- (31) Volumetric apparatus, 110
- (41) Balances, 111
- (51) Antimicrobial effectiveness testing, 111
- (55) Biological indicators—resistance performance tests, 114
- (61) Microbiological examination of nonsterile products: microbial enumeration tests, 117
- (62) Microbiological examination of nonsterile products: tests for specified organisms, 123
- (63) Mycoplasma tests, 130
- (71) Sterility tests, 136
- (81) Antibiotics—microbial assays, 143
- (85) Bacterial endotoxins test, 163
- (87) Biological reactivity tests, in vitro, 169
- (88) Biological reactivity tests, in vivo, 172
- (89.1) Collagenase I, 180
- (89.2) Collagenase II, 185
- (89) Enzymes used as ancillary materials in pharmaceutical manufacturing, 177
- (90) Fetal bovine serum—quality attributes and functionality tests, 190
- (91) Calcium pantothenate assay, 193
- (92) Growth factors and cytokines used in cell therapy manufacturing, 195
- (111) Design and analysis of biological assays, 199
- (115) Dexamphenol assay, 203
- (121) Insulin assays, 205
- (121.1) Physicochemical analytical procedures for insulins, 207
- (123) Glucagon bioidentity tests, 210
- (124) Erythropoietin bioassays, 213
- (126) Somatropin bioidentity tests, 214
- (127) Flow Cytometric Enumeration Of CD34+ Cells, 216
- (129) Analytical procedures for recombinant therapeutic monoclonal antibodies, 221
- (130) Protein A quality attributes, 227
- (151) Pyrogen test, 234
- (161) Medical devices—bacterial endotoxin and pyrogen tests, 236
- (162) Diphtheria antitoxin potency testing for human immune globulins, 239
- (165) Prekallikrein activator, 241
- (171) Vitamin B₁₂ activity assay, 242
- (181) Identification—organic nitrogenous bases, 245
- (191) Identification tests—general, 245
- (193) Identification—tetracyclines, 254
- (197) Spectrophotometric identification tests, 255
- (201) Thin-layer chromatographic identification test, 256
- (202) Identification of fixed oils by thin-layer chromatography, 257
- (203) High-performance thin-layer chromatography procedure for identification of articles of botanical origin, 258
- (206) Aluminum, 260
- (207) Test for 1,6-anhydro derivative for enoxaparin sodium, 261
- (208) Anti-factor Xa and anti-factor IIa assays for unfractionated and low molecular weight heparins, 266
- (209) Low molecular weight heparin molecular weight determinations, 270
- (211) Arsenic, 272
- (212) Oligosaccharide analysis, 273
- (221) Chloride and sulfate, 287
- (223) Dimethylaniline, 287
- (226) 4-Epi-anhydrotetracycline, 288
- (227) 4-Aminophenol in acetaminophen-containing drug products, 288
- (228) Ethylene oxide and dioxane, 290
- (231) Heavy metals, 293
- (232) Elemental impurities—limits, 295
- (233) Elemental impurities—procedures, 298
- (241) Iron, 301
- (251) Lead, 302
- (261) Mercury, 303
- (267) Porosimetry by mercury intrusion, 306
- (268) Porosity by nitrogen adsorption-desorption, 309
- (271) Readily carbonizable substances test, 314
- (281) Residue on ignition, 314
- (291) Selenium, 315
- (301) Acid-neutralizing capacity, 316
- (311) Alginates assay, 317
- (341) Antimicrobial agents—content, 318
- (345) Assay for citric acid/citrate and phosphate, 323
- (351) Assay for steroids, 324
- (371) Cobalamin radiotracer assay, 324
- (381) Elastomeric closures for injections, 326
- (391) Epinephrine assay, 331
- (401) Fats and fixed oils, 332
- (411) Folic acid assay, 345
- (413) Impurities testing in medical gases, 349
- (415) Medical gases assay, 349
- (425) Iodometric assay—antibiotics, 353
- (429) Light diffraction measurement of particle size, 354
- (431) Methoxy determination, 359
- (441) Niacin or niacinamide assay, 361
- (451) Nitrite titration, 366
- (461) Nitrogen determination, 366
- (466) Ordinary impurities, 368

General chapters (continued)

- (467) Residual solvents, 369
- (469) Ethylene glycol, diethylene glycol, and triethylene glycol in ethoxylated substances, 384
- (471) Oxygen flask combustion, 385
- (481) Riboflavin assay, 386
- (501) Salts of organic nitrogenous bases, 392
- (503) Acetic acid in peptides, 393
- (503.1) Trifluoroacetic acid (TFA) in peptides, 394
- (507) Protein determination procedures, 395
- (511) Single-steroid assay, 400
- (525) Sulfur dioxide, 401
- (531) Thiamine assay, 407
- (541) Titrimetry, 416
- (551) Vitamin E assay, 419
- (561) Articles of botanical origin, 426
- (563) Identification of articles of botanical origin, 440
- (565) Botanical extracts, 452
- (571) Vitamin A assay, 454
- (580) Vitamin C assay, 459
- (581) Vitamin D assay, 462
- (591) Zinc determination, 471
- (601) Inhalation and nasal drug products: aerosols, sprays, and powders—performance quality tests, 472
- (602) Propellants, 498
- (603) Topical aerosols, 499
- (604) Leak rate, 500
- (610) Alternative microbiological sampling methods for nonsterile inhaled and nasal products, 501
- (611) Alcohol determination, 503
- (616) Bulk density and tapped density of powders, 505
- (621) Chromatography, 508
- (631) Color and achromicity, 520
- (641) Completeness of solution, 521
- (643) Total organic carbon, 522
- (645) Water conductivity, 523
- (651) Congealing temperature, 527
- (659) Packaging and storage requirements, 529
- (660) Containers—glass, 534
- (661) Plastic packaging systems and their materials of construction, 541
- (661.1) Plastic materials of construction, 542
- (661.2) Plastic packaging systems for pharmaceutical use, 554
- (670) Auxiliary packaging components, 558
- (671) Containers—performance testing, 565
- (691) Cotton, 573
- (695) Crystallinity, 575
- (696) Characterization of crystalline solids by microcalorimetry and solution calorimetry, 575
- (697) Container content for injections, 578
- (698) Deliverable volume, 579
- (699) Density of solids, 582
- (701) Disintegration, 584
- (705) Quality attributes of tablets labeled as having a functional score, 586
- (711) Dissolution, 588
- (721) Distilling range, 598
- (724) Drug release, 600
- (729) Globule size distribution in lipid injectable emulsions, 607
- (730) Plasma spectrochemistry, 611
- (731) Loss on drying, 614
- (733) Loss on ignition, 615
- (735) X-ray fluorescence spectrometry, 615
- (736) Mass spectrometry, 620
- (741) Melting range or temperature, 625
- (755) Minimum fill, 628
- (761) Nuclear magnetic resonance spectroscopy, 629
- (771) Ophthalmic products—quality tests, 639
- (776) Optical microscopy, 645
- (781) Optical rotation, 648
- (785) Osmolality and osmolality, 656
- (786) Particle size distribution estimation by analytical sieving, 658
- (787) Subvisible particulate matter in therapeutic protein injections, 663
- (788) Particulate matter in injections, 665
- (789) Particulate matter in ophthalmic solutions, 669
- (790) Visible particulates in injections, 671
- (791) pH, 672
- (795) Pharmaceutical compounding—nonsterile preparations, 675
- (797) Pharmaceutical compounding—sterile preparations, 683
- (800) Hazardous drugs—handling in healthcare settings, 727
- (801) Polarography, 746
- (811) Powder fineness, 750
- (821) Radioactivity, 751
- (823) Positron emission tomography drugs for compounding, investigational, and research uses, 758
- (831) Refractive index, 768
- (841) Specific gravity, 768
- (846) Specific surface area, 769
- (852) Atomic absorption spectroscopy, 773
- (853) Fluorescence spectroscopy, 777
- (854) Mid-infrared spectroscopy, 783
- (855) Nephelometry, turbidimetry, and visual comparison, 787
- (857) Ultraviolet-visible spectroscopy, 789
- (861) Sutures—diameter, 795
- (871) Sutures—needle attachment, 796
- (881) Tensile strength, 797
- (891) Thermal analysis, 798
- (905) Uniformity of dosage units, 802
- (911) Viscosity—capillary methods, 806
- (912) Viscosity—rotational methods, 808
- (913) Viscosity—rolling ball method, 812
- (914) Viscosity—pressure driven methods, 814
- (921) Water determination, 815
- (941) Characterization of crystalline and partially crystalline solids by X-ray powder diffraction (XRPD), 820
- (1004) Mucosal drug products—performance tests, 829
- (1005) Acoustic emission, 832
- (1010) Analytical data—interpretation and treatment, 836
- (1015) Automated radiochemical synthesis apparatus, 851
- (1024) Bovine serum, 853
- (1025) Pancreatin, 866
- (1027) Flow cytometry, 876
- (1030) Biological assay chapters—overview and glossary, 896
- (1031) The biocompatibility of materials used in drug containers, medical devices, and implants, 907
- (1032) Design and development of biological assays, 917
- (1033) Biological assay validation, 935
- (1034) Analysis of biological assays, 950
- (1039) Chemometrics, 963
- (1041) Biologics, 981
- (1043) Ancillary materials for cell, gene, and tissue-engineered products, 982
- (1044) Cryopreservation of cells, 990
- (1046) Cellular and tissue-based products, 1002
- (1047) Gene therapy products, 1031
- (1048) Quality of biotechnological products: analysis of the expression construct in cells used for production of r-DNA derived protein products, 1060
- (1049) Quality of biotechnological products: stability testing of biotechnological/biological products, 1062
- (1050) Viral safety evaluation of biotechnology products derived from cell lines of human or animal origin, 1067
- (1050.1) Design, evaluation and characterization of viral clearance procedures, 1082
- (1051) Cleaning glass apparatus, 1092
- (1052) Biotechnology-derived articles—amino acid analysis, 1093
- (1053) Capillary electrophoresis, 1105
- (1054) Biotechnology-derived articles—isoelectric focusing, 1113
- (1055) Biotechnology-derived articles—peptide mapping, 1116
- (1056) Biotechnology-derived articles—polyacrylamide gel electrophoresis, 1123
- (1057) Biotechnology-derived articles—total protein assay, 1130
- (1058) Analytical instrument qualification, 1137
- (1059) Excipient performance, 1143
- (1061) Color—instrumental measurement, 1172
- (1063) Shear cell methodology for powder flow testing, 1175
- (1064) Identification of articles of botanical origin by high-performance thin-layer chromatography procedure, 1187
- (1065) Ion chromatography, 1197
- (1066) Physical environments that promote safe medication use, 1200
- (1072) Disinfectants and antiseptics, 1212
- (1074) Excipient biological safety evaluation guidelines, 1217
- (1078) Good manufacturing practices for bulk pharmaceutical excipients, 1222
- (1079) Good storage and distribution practices for drug products, 1242
- (1080) Bulk pharmaceutical excipients—certificate of analysis, 1252
- (1084) Glycoprotein and glycan analysis—general considerations, 1259
- (1086) Impurities in drug substances and drug products, 1270
- (1087) Apparent intrinsic dissolution—dissolution testing procedures for rotating disk and stationary disk, 1273
- (1088) In vitro and in vivo evaluation of dosage forms, 1277
- (1090) Assessment of drug product performance—bioavailability, bioequivalence, and dissolution, 1288
- (1091) Labeling of inactive ingredients, 1296
- (1092) The dissolution procedure: development and validation, 1296

General chapters (continued)

- <1094> Capsules—dissolution testing and related quality attributes, 1316
- <1097> Bulk powder sampling procedures, 1324
- <1102> Immunological test methods—general considerations, 1337
- <1103> Immunological test methods—enzyme-linked immunosorbent assay (ELISA), 1344
- <1104> Immunological test methods—immunoblot analysis, 1355
- <1105> Immunological test methods—surface plasmon resonance, 1366
- <1106> Immunogenicity assays—design and validation of immunoassays to detect anti-drug antibodies, 1382
- <1106.1> Immunogenicity assays—design and validation of assays to detect anti-drug neutralizing antibody, 1397
- <1111> Microbiological examination of nonsterile products: acceptance criteria for pharmaceutical preparations and substances for pharmaceutical use, 1415
- <1112> Application of water activity determination to nonsterile pharmaceutical products, 1416
- <1113> Microbial characterization, identification, and strain typing, 1419
- <1115> Bioburden control of nonsterile drug substances and products, 1423
- <1116> Microbiological control and monitoring of aseptic processing environments, 1430
- <1117> Microbiological best laboratory practices, 1443
- <1118> Monitoring devices—time, temperature, and humidity, 1449
- <1119> Near-infrared spectroscopy, 1455
- <1120> Raman spectroscopy, 1461
- <1121> Nomenclature, 1469
- <1125> Nucleic acid-based techniques—general, 1471
- <1126> Nucleic acid-based techniques—extraction, detection, and sequencing, 1477
- <1127> Nucleic acid-based techniques—amplification, 1487
- <1128> Nucleic acid-based techniques—microarray, 1497
- <1129> Nucleic acid-based techniques—genotyping, 1503
- <1130> Nucleic acid-based techniques—approaches for detecting trace nucleic acids (residual DNA testing), 1507
- <1132> Residual host cell protein measurement in biopharmaceuticals, 1511
- <1136> Packaging and repackaging—single unit containers, 1532
- <1151> Pharmaceutical dosage forms, 1543
- <1152> Animal drugs for use in animal feeds, 1568
- <1160> Pharmaceutical calculations in pharmacy practice, 1569
- <1163> Quality assurance in pharmaceutical compounding, 1593
- <1171> Phase-solubility analysis, 1599
- <1174> Powder flow, 1602
- <1176> Prescription balances and volumetric apparatus, 1607
- <1177> Good packaging practices, 1613
- <1178> Good repackaging practices, 1616
- <1180> Human plasma, 1618
- <1181> Scanning electron microscopy, 1641
- <1184> Sensitization testing, 1651
- <1191> Stability considerations in dispensing practice, 1662
- <1195> Significant change guide for bulk pharmaceutical excipients, 1667
- <1197> Good distribution practices for bulk pharmaceutical excipients, 1678
- <1207.1> Package integrity and test method selection, 1707
- <1207.2> Package integrity leak test technologies, 1719
- <1207.3> Package seal quality test technologies, 1736
- <1207> Sterile product packaging—integrity evaluation, 1700
- <1208> Sterility testing—validation of isolator systems, 1739
- <1211> Sterilization and sterility assurance of compendial articles, 1744
- <1216> Tablet friability, 1749
- <1217> Tablet breaking force, 1750
- <1222> Terminally sterilized pharmaceutical products—parametric release, 1753
- <1223> Validation of alternative microbiological methods, 1756
- <1223.1> Validation of alternative methods to antibiotic microbial assays, 1770
- <1224> Transfer of analytical procedures, 1778
- <1225> Validation of compendial procedures, 1780
- <1226> Verification of compendial procedures, 1786
- <1227> Validation of microbial recovery from pharmacopeial articles, 1787
- <1228> Depyrogenation, 1791
- <1228.1> Dry heat depyrogenation, 1795
- <1228.3> Depyrogenation by filtration, 1799
- <1228.5> Endotoxin indicators for depyrogenation, 1803
- <1229> Sterilization of compendial articles, 1807
- <1229.1> Steam sterilization by direct contact, 1812
- <1229.2> Moist heat sterilization of aqueous liquids, 1815
- <1229.3> Monitoring of bioburden, 1820
- <1229.4> Sterilizing filtration of liquids, 1824
- <1229.5> Biological indicators for sterilization, 1831
- <1229.6> Liquid-phase sterilization, 1834
- <1229.7> Gaseous sterilization, 1837
- <1229.8> Dry heat sterilization, 1840
- <1229.9> Physicochemical integrators and indicators for sterilization, 1842
- <1229.10> Radiation sterilization, 1843
- <1229.11> Vapor phase sterilization, 1847
- <1229.12> New sterilization methods, 1848
- <1229.13> Sterilization-in-place, 1849
- <1230> Water for hemodialysis applications, 1851
- <1231> Water for pharmaceutical purposes, 1852
- <1234> Vaccines for human use—polysaccharide and glycoconjugate vaccines, 1888
- <1235> Vaccines for human use—general considerations, 1905
- <1237> Virology test methods, 1922
- <1238> Vaccines for human use—bacterial vaccines, 1943
- <1240> Virus testing of human plasma for further manufacture, 1956
- <1241> Water–solid interactions in pharmaceutical systems, 1966
- <1251> Weighing on an analytical balance, 1970
- <1265> Written prescription drug information—guidelines, 1976
- <1285> Preparation of biological specimens for histologic and immunohistochemical analysis, 1978
- <1285.1> Hematoxylin and eosin staining of sectioned tissue for microscopic examination, 1982
- <1601> Products for nebulization—characterization tests, 1984
- <1602> Spacers and valved holding chambers used with inhalation aerosols—characterization tests, 1988
- <1644> Theory and practice of electrical conductivity measurements of solutions, 2000
- <1660> Evaluation of the inner surface durability of glass containers, 2007
- <1661> Evaluation of plastic packaging systems and their materials of construction with respect to their user safety impact, 2012
- <1663> Assessment of extractables associated with pharmaceutical packaging/delivery systems, 2020
- <1664> Assessment of drug product leachables associated with pharmaceutical packaging/delivery systems, 2035
- <1664.1> Orally inhaled and nasal drug products, 2048
- <1724> Semisolid drug products—performance tests, 2055
- <1730> Plasma spectrochemistry—theory and practice, 2067
- <1735> X-ray fluorescence spectrometry—theory and practice, 2074
- <1736> Applications of mass spectrometry, 2093
- <1761> Applications of nuclear magnetic resonance spectroscopy, 2115
- <1771> Ophthalmic products—performance tests, 2135
- <1782> Vibrational circular dichroism spectroscopy—theory and practice, 2136
- <1787> Measurement of subvisible particulate matter in therapeutic protein injections, 2149
- <1788> Methods for the determination of particulate matter in injections and ophthalmic solutions, 2163
- <1821> Radioactivity—theory and practice, 2177
- <1823> Positron emission tomography drugs—information, 2190
- <1852> Atomic absorption spectroscopy—theory and practice, 2201
- <1853> Fluorescence spectroscopy—theory and practice, 2211
- <1854> Mid-infrared spectroscopy—theory and practice, 2220
- <1857> Ultraviolet-visible spectroscopy—theory and practice, 2229
- <1911> Rheometry, 2238
- <2021> Microbial enumeration tests—nutritional and dietary supplements, 2245

General chapters (*continued*)

- (2022) Microbiological procedures for absence of specified microorganisms—nutritional and dietary supplements, 2250
- (2023) Microbiological attributes of nonsterile nutritional and dietary supplements, 2256
- (2030) Supplemental information for articles of botanical origin, 2260
- (2040) Disintegration and dissolution of dietary supplements, 2270
- (2091) Weight variation of dietary supplements, 2277
- (2232) Elemental contaminants in dietary supplements, 2278
- (2250) Detection of irradiated dietary supplements, 2282
- (2251) Adulteration of dietary supplements with drugs and drug analogs, 2285
- (2750) Manufacturing practices for dietary supplements, 2303
- (782) vibrational circular dichroism spectroscopy, 649

General chapters

- Applications of mass spectrometry (1736), 2093
- Acetic acid in peptides (503), 393
- Acid-neutralizing capacity (301), 316
- Acoustic emission (1005), 832
- Adulteration of dietary supplements with drugs and drug analogs (2251), 2285
- Alcohol determination (611), 503
- Alginates assay (311), 317
- Alternative microbiological sampling methods for nonsterile inhaled and nasal products (610), 501
- Aluminum (206), 260
- 4-Aminophenol in acetaminophen-containing drug products (227), 288
- Analysis of biological assays (1034), 950
- Analytical data—interpretation and treatment (1010), 836
- Analytical instrument qualification (1058), 1137
- Analytical procedures for recombinant therapeutic monoclonal antibodies (129), 221
- Ancillary materials for cell, gene, and tissue-engineered products (1043), 982
- Animal drugs for use in animal feeds (1152), 1568
- Antibiotics—microbial assays (81), 143
- Anti-factor Xa and anti-factor IIa assays for unfractionated and low molecular weight heparins (208), 266
- Antimicrobial agents—content (341), 318
- Antimicrobial effectiveness testing (51), 111
- Apparent intrinsic dissolution—dissolution testing procedures for rotating disk and stationary disk (1087), 1273
- Applications of nuclear magnetic resonance spectroscopy (1761), 2115
- Application of water activity determination to nonsterile pharmaceutical products (1112), 1416
- Arsenic (211), 272
- Articles of botanical origin (561), 426
- Assay for citric acid/citrate and phosphate (345), 323

- Assay for steroids (351), 324
- Assessment of drug product performance—bioavailability, bioequivalence, and dissolution (1090), 1288
- Assessment of drug product leachables associated with pharmaceutical packaging/delivery systems (1664), 2035
- Assessment of extractables associated with pharmaceutical packaging/delivery systems (1663), 2020
- Atomic absorption spectroscopy (852), 773
- Atomic absorption spectroscopy—theory and practice (1852), 2201
- Automated radiochemical synthesis apparatus (1015), 851
- Auxiliary packaging components (670), 558
- Bacterial endotoxins test (85), 163
- Balances (41), 111
- Bioburden control of nonsterile drug substances and products (1115), 1423
- The biocompatibility of materials used in drug containers, medical devices, and implants (1031), 907
- Biological assay chapters—overview and glossary (1030), 896
- Biological assay validation (1033), 935
- Biological indicators—resistance performance tests (55), 114
- Biological indicators for sterilization (1229.5), 1831
- Biological reactivity tests, in vitro (87), 169
- Biological reactivity tests, in vivo (88), 172
- Biologics (1041), 981
- Biotechnology-derived articles—amino acid analysis (1052), 1093
- Biotechnology-derived articles—isoelectric focusing (1054), 1113
- Biotechnology-derived articles—peptide mapping (1055), 1116
- Biotechnology-derived articles—polyacrylamide gel electrophoresis (1056), 1123
- Biotechnology-derived articles—total protein assay (1057), 1130
- Botanical extracts (565), 452
- Bovine serum (1024), 853
- Bulk density and tapped density of powders (616), 505
- Bulk pharmaceutical excipients—certificate of analysis (1080), 1252
- Bulk powder sampling procedures (1097), 1324
- Calcium pantothenate assay (91), 193
- Capillary electrophoresis (1053), 1105
- Capsules—dissolution testing and related quality attributes (1094), 1316
- Cellular and tissue-based products (1046), 1002
- Characterization of crystalline and partially crystalline solids by X-ray powder diffraction (XRPD) (941), 820
- Characterization of crystalline solids by microcalorimetry and solution calorimetry (696), 575
- Chemometrics (1039), 963
- Chloride and sulfate (221), 287
- Chromatography (621), 508
- Cleaning glass apparatus (1051), 1092
- Cobalamin radiotracer assay (371), 324
- Collagenase I (89.1), 180
- Collagenase II (89.2), 185
- Color and achromicity (631), 520
- Color—instrumental measurement (1061), 1172
- Completeness of solution (641), 521
- Congelation temperature (651), 527
- Container content for injections (697), 578
- Containers—glass (660), 534
- Containers—performance testing (671), 565
- Cotton (691), 573
- Cryopreservation of cells (1044), 990
- Crystallinity (695), 575
- Deliverable volume (698), 579
- Density of solids (699), 582
- Depyrogenation (1228), 1791
- Depyrogenation by filtration (1228.3), 1799
- Design, evaluation and characterization of viral clearance procedures (1050.1), 1082
- Design and analysis of biological assays (111), 199
- Design and development of biological assays (1032), 917
- Detection of irradiated dietary supplements (2250), 2282
- Dexpanthenol assay (115), 203
- Dimethylaniline (223), 287
- Diphtheria antitoxin potency testing for human immune globulins (162), 239
- Disinfectants and antiseptics (1072), 1212
- Disintegration (701), 584
- Disintegration and dissolution of dietary supplements (2040), 2270
- Dissolution (711), 588
- The dissolution procedure: development and validation (1092), 1296
- Distilling range (721), 598
- Drug release (724), 600
- Dry heat depyrogenation (1228.1), 1795
- Dry heat sterilization (1229.8), 1840
- Elastomeric closures for injections (381), 326
- Elemental contaminants in dietary supplements (2232), 2278
- Elemental impurities—limits (232), 295
- Elemental impurities—procedures (233), 298
- Endotoxin indicators for depyrogenation (1228.5), 1803
- Enzymes used as ancillary materials in pharmaceutical manufacturing (89), 177
- 4-Epi-anhydrotetracycline (226), 288
- Epinephrine assay (391), 331
- Erythropoietin bioassays (124), 213
- Ethylene glycol, diethylene glycol, and triethylene glycol in ethoxylated substances (469), 384
- Ethylene oxide and dioxane (228), 290
- Evaluation of plastic packaging systems and their materials of construction with respect to their user safety impact (1661), 2012
- Evaluation of the inner surface durability of glass containers (1660), 2007
- Excipient biological safety evaluation guidelines (1074), 1217
- Excipient performance (1059), 1143
- Fats and fixed oils (401), 332
- Fetal bovine serum—quality attributes and functionality tests (90), 190
- Flow Cytometric Enumeration Of CD34+ Cells (127), 216
- Flow cytometry (1027), 876
- Fluorescence spectroscopy (853), 777

General chapters (continued)

- Fluorescence spectroscopy—theory and practice (1853), 2211
 Folic acid assay (411), 345
 Gaseous sterilization (1229.7), 1837
 Gene therapy products (1047), 1031
 Globule size distribution in lipid injectable emulsions (729), 607
 Glucagon bioidentity tests (123), 210
 Glycoprotein and glycan analysis—general considerations (1084), 1259
 Good distribution practices for bulk pharmaceutical excipients (1197), 1678
 Good manufacturing practices for bulk pharmaceutical excipients (1078), 1222
 Good packaging practices (1177), 1613
 Good repackaging practices (1178), 1616
 Good storage and distribution practices for drug products (1079), 1242
 Growth factors and cytokines used in cell therapy manufacturing (92), 195
 Hazardous drugs—handling in healthcare settings (800), 727
 Heavy metals (231), 293
 Hematoxylin and eosin staining of sectioned tissue for microscopic examination (1285.1), 1982
 High-performance thin-layer chromatography procedure for identification of articles of botanical origin (203), 258
 Human plasma (1180), 1618
 Identification of articles of botanical origin (563), 440
 Identification of articles of botanical origin by high-performance thin-layer chromatography procedure (1064), 1187
 Identification of fixed oils by thin-layer chromatography (202), 257
 Identification—organic nitrogenous bases (181), 245
 Identification tests—general (191), 245
 Identification—tetracyclines (193), 254
 Immunogenicity assays—design and validation of assays to detect anti-drug neutralizing antibody (1106.1), 1397
 Immunogenicity assays—design and validation of immunoassays to detect anti-drug antibodies (1106), 1382
 Immunological test methods—surface plasmon resonance (1105), 1366
 Immunological test methods—enzyme-linked immunosorbent assay (ELISA) (1103), 1344
 Immunological test methods—general considerations (1102), 1337
 Immunological test methods—immunoblot analysis (1104), 1355
 Impurities in drug substances and drug products (1086), 1270
 Impurities testing in medical gases (413), 349
 Inhalation and nasal drug products: aerosols, sprays, and powders—performance quality tests (601), 472
 Inhalation and nasal drug products—general information and product quality tests (5), 90
 Injections and implanted drug products (parenterals)—product quality tests (1), 67
 Insulin assays (121), 205
 In vitro and in vivo evaluation of dosage forms (1088), 1277
 Iodometric assay—antibiotics (425), 353
 Ion chromatography (1065), 1197
 Iron (241), 301
 Labeling (7), 98
 Labeling of inactive ingredients (1091), 1296
 Lead (251), 302
 Leak rate (604), 500
 Light diffraction measurement of particle size (429), 354
 Liquid-phase sterilization (1229.6), 1834
 Loss on drying (731), 614
 Loss on ignition (733), 615
 Low molecular weight heparin molecular weight determinations (209), 270
 Manufacturing practices for dietary supplements (2750), 2303
 Mass spectrometry (736), 620
 Measurement of subvisible particulate matter in therapeutic protein injections (1787), 2149
 Medical devices—bacterial endotoxin and pyrogen tests (161), 236
 Medical gases assay (415), 349
 Melting range or temperature (741), 625
 Mercury (261), 303
 Methods for the determination of particulate matter in injections and ophthalmic solutions (1788), 2163
 Methoxy determination (431), 359
 Microbial characterization, identification, and strain typing (1113), 1419
 Microbial enumeration tests—nutritional and dietary supplements (2021), 2245
 Microbiological attributes of nonsterile nutritional and dietary supplements (2023), 2256
 Microbiological best laboratory practices (1117), 1443
 Microbiological control and monitoring of aseptic processing environments (1116), 1430
 Microbiological examination of nonsterile products: acceptance criteria for pharmaceutical preparations and substances for pharmaceutical use (1111), 1415
 Microbiological examination of nonsterile products: microbial enumeration tests (61), 117
 Microbiological examination of nonsterile products: tests for specified organisms (62), 123
 Microbiological procedures for absence of specified microorganisms—nutritional and dietary supplements (2022), 2250
 Mid-infrared spectroscopy (854), 783
 Mid-infrared spectroscopy—theory and practice (1854), 2220
 Minimum fill (755), 628
 Moist heat sterilization of aqueous liquids (1229.2), 1815
 Monitoring devices—time, temperature, and humidity (1118), 1449
 Monitoring of bioburden (1229.3), 1820
 Mucosal drug products—performance tests (1004), 829
 Mucosal drug products—product quality tests (4), 86
 Mycoplasma tests (63), 130
 Near-infrared spectroscopy (1119), 1455
 Nephelometry, turbidimetry, and visual comparison (855), 787
 New sterilization methods (1229.12), 1848
 Niacin or niacinamide assay (441), 361
 Nitrite titration (451), 366
 Nitrogen determination (461), 366
 Nomenclature (1121), 1469
 Nuclear magnetic resonance spectroscopy (761), 629
 Nucleic acid-based techniques—amplification (1127), 1487
 Nucleic acid-based techniques—approaches for detecting trace nucleic acids (residual DNA testing) (1130), 1507
 Nucleic acid-based techniques—extraction, detection, and sequencing (1126), 1477
 Nucleic acid-based techniques—general (1125), 1471
 Nucleic acid-based techniques—genotyping (1129), 1503
 Nucleic acid-based techniques—microarray (1128), 1497
 Oligosaccharide analysis (212), 273
 Ophthalmic products—performance tests (1771), 2135
 Ophthalmic products—quality tests (771), 639
 Optical microscopy (776), 645
 Optical rotation (781), 648
 Oral drug products—product quality tests (2), 74
 Orally inhaled and nasal drug products (1664.1), 2048
 Ordinary impurities (466), 368
 Osmolality and osmolarity (785), 656
 Oxygen flask combustion (471), 385
 Package integrity and test method selection (1207.1), 1707
 Package integrity leak test technologies (1207.2), 1719
 Package seal quality test technologies (1207.3), 1736
 Packaging and repackaging—single unit containers (1136), 1532
 Packaging and storage requirements (659), 529
 Pancreatin (1025), 866
 Particle size distribution estimation by analytical sieving (786), 658
 Particulate matter in injections (788), 665
 Particulate matter in ophthalmic solutions (789), 669
 pH (791), 672
 Pharmaceutical calculations in pharmacy practice (1160), 1569
 Pharmaceutical compounding—nonsterile preparations (795), 675
 Pharmaceutical compounding—sterile preparations (797), 683
 Pharmaceutical dosage forms (1151), 1543
 Phase-solubility analysis (1171), 1599
 Physical environments that promote safe medication use (1066), 1200
 Physicochemical analytical procedures for insulins (121.1), 207
 Physicochemical integrators and indicators for sterilization (1229.9), 1842
 Plasma spectrochemistry (730), 611
 Plasma spectrochemistry—theory and practice (1730), 2067
 Plastic materials of construction (661.1), 542
 Plastic packaging systems and their materials of construction (661), 541
 Plastic packaging systems for pharmaceutical use (661.2), 554
 Polarography (801), 746

General chapters (*continued*)

- Porosimetry by mercury intrusion (267), 306
 Porosity by nitrogen adsorption-desorption (268), 309
 Positron emission tomography drugs for compounding, investigational, and research uses (823), 758
 Positron emission tomography drugs—information (1823), 2190
 Powder fineness (811), 750
 Powder flow (1174), 1602
 Prekallikrein activator (165), 241
 Preparation of biological specimens for histologic and immunohistochemical analysis (1285), 1978
 Prescription balances and volumetric apparatus (1176), 1607
 Prescription container labeling (17), 107
 Products for nebulization—characterization tests (1601), 1984
 Propellants (602), 498
 Protein A quality attributes (130), 227
 Protein determination procedures (507), 395
 Pyrogen test (151), 234
 Quality assurance in pharmaceutical compounding (1163), 1593
 Quality attributes of tablets labeled as having a functional score (705), 586
 Quality of biotechnological products: analysis of the expression construct in cells used for production of r-DNA derived protein products (1048), 1060
 Quality of biotechnological products: stability testing of biotechnological/biological products (1049), 1062
 Radiation sterilization (1229.10), 1843
 Radioactivity (821), 751
 Radioactivity—theory and practice (1821), 2177
 Raman spectroscopy (1120), 1461
 Readily carbonizable substances test (271), 314
 Refractive index (831), 768
 Residual host cell protein measurement in biopharmaceuticals (1132), 1511
 Residual solvents (467), 369
 Residue on ignition (281), 314
 Rheometry (1911), 2238
 Riboflavin assay (481), 386
 Salts of organic nitrogenous bases (501), 392
 Scanning electron microscopy (1181), 1641
 Selenium (291), 315
 Semisolid drug products—performance tests (1724), 2055
 Sensitization testing (1184), 1651
 Shear cell methodology for powder flow testing (1063), 1175
 Significant change guide for bulk pharmaceutical excipients (1195), 1667
 Single-steroid assay (511), 400
 Somatropin bioidentity tests (126), 214
 Spacers and valved holding chambers used with inhalation aerosols—characterization tests (1602), 1988
 Specific gravity (841), 768
 Specific surface area (846), 769
 Spectrophotometric identification tests (197), 255
 Stability considerations in dispensing practice (1191), 1662
 Steam sterilization by direct contact (1229.1), 1812
 Sterile product packaging—integrity evaluation (1207), 1700
 Sterility testing—validation of isolator systems (1208), 1739
 Sterility tests (71), 136
 Sterilization-in-place (1229.13), 1849
 Sterilization of compendial articles (1229), 1807
 Sterilization and sterility assurance of compendial articles (1211), 1744
 Sterilizing filtration of liquids (1229.4), 1824
 Subvisible particulate matter in therapeutic protein injections (787), 663
 Sulfur dioxide (525), 401
 Supplemental information for articles of botanical origin (2030), 2260
 Sutures—diameter (861), 795
 Sutures—needle attachment (871), 796
 Tablet breaking force (1217), 1750
 Tablet friability (1216), 1749
 Tensile strength (881), 797
 Terminally sterilized pharmaceutical products—parametric release (1222), 1753
 Test for 1,6-anhydro derivative for enoxaparin sodium (207), 261
 Theory and practice of electrical conductivity measurements of solutions (1644), 2000
 Thermal analysis (891), 798
 Thiamine assay (531), 407
 Thin-layer chromatographic identification test (201), 256
 Titrimetry (541), 416
 Topical aerosols (603), 499
 Topical and transdermal drug products—product quality tests (3), 78
 Total organic carbon (643), 522
 Transfer of analytical procedures (1224), 1778
 Trifluoroacetic acid (TFA) in peptides (503.1), 394
 Ultraviolet-visible spectroscopy (857), 789
 Ultraviolet-visible spectroscopy—theory and practice (1857), 2229
 Uniformity of dosage units (905), 802
 USP reference standards (11), 104
 Vaccines for human use—bacterial vaccines (1238), 1943
 Vaccines for human use—general considerations (1235), 1905
 Vaccines for human use—polysaccharide and glycoconjugate vaccines (1234), 1888
 Validation of alternative microbiological methods (1223), 1756
 Validation of compendial procedures (1225), 1780
 Validation of microbial recovery from pharmacopeial articles (1227), 1787
 Validation of alternative methods to antibiotic microbial assays (1223.1), 1770
 Vapor phase sterilization (1229.11), 1847
 Verification of compendial procedures (1226), 1786
 Vibrational circular dichroism spectroscopy—theory and practice (1782), 2136
 Vibrational circular dichroism spectroscopy (782), 649
 Viral safety evaluation of biotechnology products derived from cell lines of human or animal origin (1050), 1067
 Virology test methods (1237), 1922
 Virus testing of human plasma for further manufacture (1240), 1956
 Viscosity—capillary methods (911), 806
 Viscosity—pressure driven methods (914), 814
 Viscosity—rolling ball method (913), 812
 Viscosity—rotational methods (912), 808
 Visible particulates in injections (790), 671
 Vitamin A assay (571), 454
 Vitamin B₁₂ activity assay (171), 242
 Vitamin C assay (580), 459
 Vitamin D assay (581), 462
 Vitamin E assay (551), 419
 Volumetric apparatus (31), 110
 Water conductivity (645), 523
 Water determination (921), 815
 Water for hemodialysis applications (1230), 1851
 Water for pharmaceutical purposes (1231), 1852
 Water-solid interactions in pharmaceutical systems (1241), 1966
 Weighing on an analytical balance (1251), 1970
 Weight variation of dietary supplements (2091), 2277
 Written prescription drug information—guidelines (1265), 1976
 X-ray fluorescence spectrometry (735), 615
 X-ray fluorescence spectrometry—theory and practice (1735), 2074
 Zinc determination (591), 471

- General notices and requirements, 1
 Conformance to standards, 3
 Monograph components, 5
 Monographs and general chapters, 5
 Official status and legal recognition, 3
 Prescribing and dispensing, 12
 Preservation, packaging, storage, and labeling, 12
 Terms and definitions, 9
 Test results, 9
 Testing practices and procedures, 7
 Title and revision, 3
 General tests for reagents, 2324
 Geneticin, 2361
 Gentamicin
 injection, 4390
 and prednisolone acetate ophthalmic ointment, 4397
 and prednisolone acetate ophthalmic suspension, 4397
 sulfate, 4391
 sulfate and betamethasone acetate ophthalmic solution, 4393
 sulfate and betamethasone valerate ointment, 4394
 sulfate and betamethasone valerate otic solution, 4395
 sulfate and betamethasone valerate topical solution, 4396
 sulfate cream, 4392
 sulfate ointment, 4392
 sulfate ophthalmic ointment, 4393
 sulfate ophthalmic solution, 4393
 uterine infusion, 4390
 Gentian violet, 4398
 cream, 4399

Gentian violet (*continued*)
 topical solution, 4400

Ginger, 6995
 capsules, 7001
 powdered, 6997
 tincture, 6999

Ginkgo, 7003
 capsules, 7008
 extract, powdered, 7005
 tablets, 7010

Ginseng
 American, 6786
 Asian, 6805
 capsules, American, 6790
 extract, powdered American, 6789
 extract, powdered Asian, 6808
 powdered, American, 6787
 powdered, Asian, 6807
 tablets, American, 6792
 tablets, Asian, 6809
 Tienchi, root and rhizome, 7213
 Tienchi, root and rhizome dry extract, 7221
 Tienchi, root and rhizome powder, 7216

Girard reagent T, 2361

Gitoxin, 2361

Glacial acetic acid, 2361, 2580
 TS, 2415

Glass wool, 2361

Glaze, pharmaceutical, 7675

Glimepiride, 4400
 and pioglitazone tablets, 5716
 tablets, 4402

Glipizide, 4404
 and metformin hydrochloride tablets, 4407
 tablets, 4405

Globule size distribution in lipid injectable emulsions (729), 607

Globulin
 immune, 4409
 reagent, anti-human, 2334
 RH₀ (D) immune, 4410

Glucagon, 4410
 for injection, 4411

Glucagon bioidentity tests (123), 210

D-Gluconic acid, 50 percent in water, 2361

Gluconolactone, 4412

Glucosamine
 and chondroitin sulfate sodium tablets, 7012
 chondroitin sulfate sodium, and methylsulfonylmethane tablets, 7019
 hydrochloride, 7014
 and methylsulfonylmethane tablets, 7017
 sulfate potassium chloride, 7015
 sulfate sodium chloride, 7016
 tablets, 7014

Glucose, 2361
 enzymatic test strip, 4413
 liquid, 7677
 oxidase-chromogen TS, 2415

D-Glucuronolactone, 2361

Glutamic acid, 2361, 7021

L-Glutamic acid, 2361
 hydrochloride, 7677

Glutamine, 4413

L-Glutamine, 2361

Glutaral
 concentrate, 4414
 disinfectant solution, 7678

Glutathione, 7022

Glyburide, 4415
 and metformin hydrochloride tablets, 4418
 tablets, 4415

Glycerin, 2361, 4421
 base TS, 2416
 ophthalmic solution, 4423
 oral solution, 4423
 suppositories, 4423

Glyceryl
 behenate, 7678
 dibehenate, 7680
 distearate, 7681
 monocaprylate, 7683
 monocaprylocaprate, 7685
 monolinoleate, 7687
 monooleate, 7688
 monostearate, 7689
 tristearate, 7691

Glycine, 4424
 irrigation, 4424

Glycolic acid, 2361

Glycoprotein and glycan analysis—general considerations (1084), 1259

Glycopyrrolate, 4424
 injection, 4427
 tablets, 4428

Glycyl-L-glutamine, 7023

Glycyl-L-tyrosine, 7024

Gold
 chloride, 2361
 chloride TS, 2416
 sodium thiomalate, 4429
 sodium thiomalate injection, 4430

Goldenseal, 7026
 extract, powdered, 7029
 powdered, 7027

Gonadorelin
 acetate, 4431
 hydrochloride, 4433
 for injection, 4430

Gonadotropin
 chorionic, 4435
 chorionic, for injection, 4436

Good distribution practices for bulk pharmaceutical excipients (1197), 1678

Good manufacturing practices for bulk pharmaceutical excipients (1078), 1222

Good packaging practices (1177), 1613

Good repackaging practices (1178), 1616

Good storage and distribution practices for drug products (1079), 1242

Goserelin acetate, 4437

Government liaisons to expert committees and expert panels, xvii

Graftskin, 3569

Gramicidin, 4439
 and neomycin and polymyxin B sulfates cream, 5320
 and neomycin and polymyxin B sulfates and hydrocortisone acetate cream, 5321
 and neomycin and polymyxin B sulfates ophthalmic solution, 5320
 and neomycin sulfate ointment, 5306
 nystatin, neomycin sulfate, and triamcinolone acetonide cream, 5404
 nystatin, neomycin sulfate, and triamcinolone acetonide ointment, 5404

Granisetron hydrochloride, 4439
 injection, 4441
 oral suspension, 4442
 tablets, 4443

Granules
 Flunixin meglumine, 4237
 Montelukast sodium, oral, 5220

Grape seeds oligomeric proanthocyanidins, 7030

Gravity, specific (841), 768

Green
 brilliant, 2339, 2368, 2407
 FCF, fast, 2359
 soap, 4444
 soap tincture, 4445

Green tea
 extract, decaffeinated, powdered, 7032

Griseofulvin, 4445
 capsules, 4446
 oral suspension, 4447
 tablets, 4448
 tablets, ultramicrosize, 4449

Growth factors and cytokines used in cell therapy manufacturing (92), 195

Guaiaicol, 2361

Guaifenesin, 4450
 capsules, 4451
 and codeine phosphate oral solution, 4453
 and dyphylline oral solution, 3931
 and dyphylline tablets, 3932
 and pseudoephedrine hydrochloride capsules, 4454
 pseudoephedrine hydrochloride, and dextromethorphan hydrobromide capsules, 4455
 and theophylline capsules, 6425
 and theophylline oral solution, 6426
 for injection, 4451
 oral solution, 4452
 tablets, 4452

Guanabenz acetate, 4456
 tablets, 4457

Guanethidine monosulfate, 4458
 tablets, 4459

Guanfacine
 hydrochloride, 4460
 tablets, 4460

Guanidine hydrochloride, 2362

Guanidine isothiocyanate, 2362

Guanine hydrochloride, 2362

Guar gum, 7693

Guggul, 7034
 extract, native, 7035
 extract, purified, 7036
 tablets, 7037

Guide to general chapters
 charts, 13
 table of contents, 63

Gutta percha, 4462

Gymnema, 7038
 extract, native, 7041
 extract, purified, 7042
 powdered, 7040

H

Halazone, 4463
 tablets for solution, 4463

Halcinonide, 4463
 cream, 4464
 ointment, 4465
 topical solution, 4467

Halobetasol propionate, 4467

Haloperidol, 4468
 decanoate, 4471
 injection, 4469
 oral solution, 4470
 tablets, 4470

Halothane, 4473

Hawthorn leaf
 with flower, 7044

Hawthorn leaf (*continued*)
 with flower, powdered, 7046
 Hazardous drugs—handling in healthcare settings (800), 727
 Heavy metals (231), 293
 Heavy metals in reagents, 2326
 Helium, 4473
 oxygen certified standard, 2376
 Hematein, 2362
 Hematoxylin, 2362
 TS, Delafield's, 2414
 Hematoxylin and eosin staining of sectioned tissue for microscopic examination (1285.1), 1982
 Hemoglobin, bovine, 2362
 Heparin
 lock flush solution, 4474
 sodium, 4475
 sodium injection, 4480
 Hepatitis B
 immune globulin, 4480
 1-Heptadecanol, 2362
 Heptafluorobutyric acid, 2362
 Heptakis-(2,6-di-O-methyl)- β -cyclodextrin, 2362
n-Heptane, 2362
 chromatographic, 2347, 2362
 Heptyl *p*-hydroxybenzoate, 2362
 Hesperidin, 7048
 Hexachlorophene, 4481
 cleansing emulsion, 4482
 liquid soap, 4482
 Hexadecyl hexadecanoate, 2362
 Hexadecyltrimethylammonium bromide, 2362
 Hexadimethrine bromide, 2362
 Hexamethyldisilazane, 2362
 Hexamethyleneimine, 2362
 Hexamethylenetetramine, 2362
n-Hexane, 2362
 Hexane, solvent, 2362, 2378, 2395
 chromatographic, 2347, 2362
 Hexanes, 2362
 Hexanitrodiphenylamine, 2356, 2362
 Hexanophenone, 2363
 Hexylamine, 2363
 Hexylene glycol, 7695
 Hexylresorcinol, 4483
 lozenges, 4484
 High-performance thin-layer chromatography procedure for identification of articles of botanical origin (203), 258
 Histamine
 dihydrochloride, 2363
 phosphate, 4485
 phosphate injection, 4485
 Histidine, 4486
 L-Histidine hydrochloride monohydrate, 2363
 Holy basil leaf, 7049
 extract, powdered, 7053
 powdered, 7051
 Homatropine
 hydrobromide, 4487
 hydrobromide ophthalmic solution, 4488
 methylbromide, 4488
 methylbromide and hydrocodone bitartrate tablets, 4502
 methylbromide tablets, 4489
 Homosalate, 4490
 Honey, purified, 7695
 Horse chestnut, 6888
 extract, powdered, 6891
 powdered, 6889
 Horseradish peroxidase conjugated to goat anti-mouse IgG, 2363

Human plasma (1180), 1618
 Hyaluronidase
 injection, 4491
 for injection, 4491
 Hydralazine hydrochloride, 4492
 injection, 4494
 oral solution, 4494
 tablets, 4494
 Hydrazine
 dihydrochloride, 2363
 hydrate, 85% in water, 2363
 sulfate, 2363
 Hydrindantin, 2363
 Hydriodic acid, 2363
 Hydrobromic acid, 2363
 Hydrochloric acid, 2363, 7695
 alcoholic, tenth-molar (0.1M), 2427
 buffer, 2340
 diluted, 2353, 2363, 7696
 half-normal (0.5 N), 2427
 half-normal (0.5 N) in methanol, 2426
 injection, 4495
 normal (1 N), 2426
 0.001 N TS, 2416
 0.01 M TS, 2416
 0.025 N TS, 2416
 0.36 N TS, 2416
 0.05 N TS, 2416
 2 N TS, 2416
 3 N TS, 2416
 6 N TS, 2416
 0.1 N VS, 2426
 0.02 N VS, 2426
 Hydrochloride
 Nile blue, 2408
 Hydrochlorothiazide, 4496
 and amiloride hydrochloride tablets, 2717
 amlodipine, valsartan, tablets, 2767
 and bisoprolol fumarate tablets, 3045
 Candesartan cilexetil, tablets, 3159
 capsules, 4497
 and captopril tablets, 3176
 and enalapril maleate tablets, 3973
 and fosinopril tablets, 4338
 and irbesartan tablets, 4674
 and lisinopril tablets, 4867
 and losartan potassium tablets, 4913
 and methyl dopa tablets, 5103
 and metoprolol tartrate tablets, 5144
 and moexipril hydrochloride and tablets, 5205
 and propranolol hydrochloride tablets, 5895
 and quinapril tablets, 5942
 and reserpine tablets, 5992
 and spironolactone oral suspension, 6223
 and spironolactone tablets, 6224
 tablets, 4499
 and telmisartan tablets, 6355
 and timolol maleate tablets, 6482
 and triamterene capsules, 6571
 and triamterene tablets, 6573
 and valsartan tablets, 6651
 Hydrocodone bitartrate, 4500
 and acetaminophen tablets, 4501
 and homatropine methylbromide tablets, 4502
 tablets, 4500
 Hydrocodone diol, 2363
 Hydrocortisone, 4505
 acetate, 4511
 acetate and chloramphenicol for ophthalmic suspension, 3352
 acetate and colistin and neomycin sulfates otic suspension, 3558

acetate cream, 4512
 acetate injectable suspension, 4514
 acetate lotion, 4513
 acetate, neomycin and polymyxin B sulfates, and bacitracin ointment, 5314
 acetate, neomycin and polymyxin B sulfates, and bacitracin ophthalmic ointment, 5314
 acetate, neomycin and polymyxin B sulfates, and bacitracin zinc ophthalmic ointment, 5317
 acetate and neomycin and polymyxin B sulfates cream, 5323
 acetate, neomycin and polymyxin B sulfates, and gramidicin cream, 5321
 acetate and neomycin and polymyxin B sulfates ophthalmic suspension, 5323
 acetate and neomycin sulfate cream, 5308
 acetate and neomycin sulfate lotion, 5308
 acetate and neomycin sulfate ointment, 5308
 acetate and neomycin sulfate ophthalmic suspension, 5308
 acetate ointment, 4513
 acetate ophthalmic ointment, 4513
 acetate ophthalmic suspension, 4514
 acetate and oxytetracycline hydrochloride ophthalmic suspension, 5537
 acetate, penicillin G, neomycin, polymyxin B, and hydrocortisone sodium succinate topical suspension, 5597
 acetate, penicillin G procaine, and neomycin and polymyxin B sulfates topical suspension, 5614
 and acetic acid otic solution, 4510
 and clioquinol cream, 3488
 and clioquinol ointment, 3489
 and neomycin and polymyxin B sulfates ophthalmic suspension, 5322
 and neomycin and polymyxin B sulfates otic solution, 5321
 and neomycin and polymyxin B sulfates otic suspension, 5322
 and neomycin sulfate cream, 5307
 and neomycin sulfate ointment, 5307
 and neomycin sulfate otic suspension, 5307
 and oxytetracycline hydrochloride ointment, 5537
 and polymyxin B sulfate otic solution, 5753
 butyrate, 4514
 butyrate cream, 4515
 cream, 4506
 gel, 4507
 hemisuccinate, 4516
 injectable suspension, 4508
 lotion, 4507
 neomycin and polymyxin B sulfates and bacitracin zinc ointment, 5316
 neomycin and polymyxin B sulfates and bacitracin zinc ophthalmic ointment, 5317
 ointment, 4508
 rectal suspension, 4509
 sodium phosphate, 4517
 sodium phosphate injection, 4518
 sodium succinate, 4519
 sodium succinate for injection, 4520
 sodium succinate, penicillin G, neomycin, polymyxin B, and hydrocortisone acetate topical suspension, 5597
 tablets, 4509
 valerate, 4521
 valerate cream, 4521

Hydrocortisone (*continued*)
 valerate ointment, 4522
 Hydroflumethiazide, 4523
 tablets, 4523
 Hydrofluoric acid, 2363
 Hydrogen
 peroxide, 10 percent, 2363
 peroxide, 30 percent, 2363
 peroxide, 30 percent, unstabilized, 2363
 peroxide, 50 percent in water, 2363
 peroxide concentrate, 4524
 peroxide solution, 2363
 peroxide topical solution, 4525
 peroxide TS, 2416
 sulfide, 2363
 sulfide detector tube, 2363
 sulfide TS, 2416
 Hydrogenated lanolin, 7727
 Hydrogenated polydextrose, 7809
 Hydrogenated vegetable oil, 7961
 Hydromorphone hydrochloride, 4525
 injection, 4528
 oral solution, 4528
 tablets, 4530
 Hydroquinone, 2363, 4530
 cream, 4531
 topical solution, 4531
 Hydroxocobalamin, 4531
 injection, 4533
 Hydroxy naphthol blue, 2364
 3'-Hydroxyacetophenone, 2364
 4'-Hydroxyacetophenone, 2364
 Hydroxyamphetamine hydrobromide, 4533
 ophthalmic solution, 4534
 Hydroxyanisole, butylated, 7547
p-Hydroxybenzoic acid, 2364
 4-Hydroxybenzoic acid isopropyl ester, 2364
 2-Hydroxybenzyl alcohol, 2364
 4-Hydroxybutane-1-sulfonic acid, 2364
 4-Hydroxy-2-butanone, 2364
 Hydroxychloroquine sulfate, 4534
 tablets, 4535
 Hydroxyethyl cellulose, 7697
N-(2-Hydroxyethyl)piperazine-*N'*-(2-ethanesulfonic acid), 2364
 Hydroxylamine hydrochloride, 2364
 TS, 2416
 10 β -Hydroxynorandrostenedione, 2364
 2'-(4-Hydroxyphenyl)-5-(4-methyl-1-piperazinyl)-2,5'-bi-1*H*-benzimidazole trihydrochloride pentahydrate, 2364
 4-(4-Hydroxyphenyl)-2-butanone, 2364
 3-Hydroxyphenyldimethylethyl ammonium chloride, 2364
 D- α -4-Hydroxyphenylglycine, 2364
 4-Hydroxy-4-phenylpiperidine, 2364
 Hydroxyprogesterone caproate, 4535
 injection, 4536
 Hydroxypropyl
 betadex, 7697
 cellulose, 7700
 cellulose, low-substituted, 7701
 cellulose ocular system, 4537
 corn starch, 7908
 pea starch, 7917
 potato starch, 7922
 Hydroxypropyl- β -cyclodextrin, 2364
 Hydroxypropyl cellulose, 2364
 8-Hydroxyquinoline, 2364
 TS, 2416
 Hydroxytoluene
 butylated, 7548
 butylated, reagent, 2341
 Hydroxyurea, 4538
 capsules, 4538

Hydroxyzine
 hydrochloride, 4539
 hydrochloride injection, 4540
 hydrochloride oral solution, 4541
 hydrochloride tablets, 4542
 pamoate, 4544
 pamoate capsules, 4545
 pamoate oral suspension, 4546
 Hymetellose, 7702
 Hyoscyamine, 4546
 hydrobromide, 4548
 sulfate, 4548
 sulfate elixir, 4550
 sulfate injection, 4550
 sulfate oral solution, 4551
 sulfate tablets, 4551
 tablets, 4547
 Hypophosphorous acid, 7703
 50 percent, 2364
 Hypoxanthine, 2365
 Hypromellose, 4552
 acetate succinate, 7704
 ophthalmic solution, 4554
 phthalate, 7706

I

I 123
 capsules, sodium iodide, 4635
 injection, iobenguane, 4632
 injection, iodohippurate sodium, 4634
 solution, sodium iodide, 4636

I 125
 albumin injection, iodinated, 4636
 injection, iothalamate sodium, 4637

I 131
 albumin aggregated injection, iodinated, 4638
 albumin injection, iodinated, 4637
 capsules, sodium iodide, 4640
 injection, iobenguane, 4633
 injection, iodohippurate sodium, 4638
 injection, rose bengal sodium, 4639
 solution, sodium iodide, 4640

Ibuprofen, 4555
 and diphenhydramine citrate tablets, 3799
 diphenhydramine hydrochloride capsules, 3808
 and pseudoephedrine hydrochloride tablets, 4559
 oral suspension, 4556
 tablets, 4558

Ibutilide fumarate, 4561
 Ichthammol, 4562
 ointment, 4563
 Idarubicin hydrochloride, 4563
 injection, 4565
 for injection, 4564

Identification
 of articles of botanical origin (563), 440
 of articles of botanical origin by high-performance thin-layer chromatography procedure (1064), 1187
 of fixed oils by thin-layer chromatography (202), 257
 organic nitrogenous bases (181), 245
 test, thin-layer chromatographic (201), 256
 tests—general (191), 245
 tests, spectrophotometric (197), 255
 tetracyclines (193), 254

Idoxuridine, 4566
 ophthalmic ointment, 4566
 ophthalmic solution, 4567
 Ifosfamide, 4567
 for injection, 4569
 IgG-coated red cells, 2365
 Imidazole, 2365
 Imidurea, 7707
 Iminodiacetic acid, 2365
 Imipenem, 4569
 and cilastatin for injectable suspension, 4572
 and cilastatin for injection, 4571
 Imipramine pamoate, 4575
 Imipramine hydrochloride, 4573
 injection, 4574
 tablets, 4574
 Imipramine pamoate
 capsules, 4576
 Imiquimod, 4579
 cream, 4580
 Immunogenicity assays—design and validation of assays to detect anti-drug neutralizing antibody (1106.1), 1397
 Immunogenicity assays—design and validation of immunoassays to detect anti-drug antibodies (1106), 1382
 Immunological test methods—surface plasmon resonance (1105), 1366
 Immunological test methods
 enzyme-linked immunosorbent assay (ELISA) (1103), 1344
 general considerations (1102), 1337
 immunoblot analysis (1104), 1355
 Impurities
 ordinary (466), 368
 testing in medical gases (413), 349
 Impurities in drug substances and drug products (1086), 1270
 Inamrinone, 4582
 injection, 4583
 Indapamide, 4584
 tablets, 4585
 Indene, 2365
 Indicator and test papers, 2408
 Indicators, 2406
 indicator papers, 2408
 reagents, and solutions, 2323
 test papers, 2408
 Indigo carmine, 2365
 TS, 2416
 Indigotindisulfonate sodium, 4586
 injection, 4586
 Indinavir sulfate, 4587
 Indium In 111
 capromab pendetide injection, 4589
 chloride solution, 4589
 ibritumomab tiuxetan injection, 4591
 oxyquinoline solution, 4591
 pentetate injection, 4592
 pentetreotide injection, 4593
 satumomab pendetide injection, 4593
 Indocyanine green, 4594
 for injection, 4595
 Indole, 2365
 Indole-3-carboxylic acid, 2365
 Indomethacin, 4595
 capsules, 4596
 extended-release capsules, 4597
 for injection, 4600
 topical gel, 4600
 oral suspension, 4602
 sodium, 4603
 suppositories, 4601
 Indophenol-acetate TS, 2416

Inhalant

amyl nitrite, 2816
propylhexedrine, 5899

Inhalation

Acetylcysteine and isoproterenol hydrochloride solution, 2587
Cromolyn sodium powder, 3588
Cromolyn sodium solution, 3588
Dexamethasone sodium phosphate aerosol, 3679
Epinephrine aerosol, 3999
Epinephrine bitartrate aerosol, 4002
Epinephrine solution, 4000
Ergotamine tartrate aerosol, 4023
Fluticasone propionate aerosol, 4288
Fluticasone propionate powder, 4293
Isoetharine mesylate aerosol, 4686
Isoetharine solution, 4685
Isoproterenol hydrochloride aerosol, 4700
Isoproterenol hydrochloride and phenylephrine bitartrate aerosol, 4702
Isoproterenol solution, 4699
Isoproterenol sulfate aerosol, 4705
Isoproterenol sulfate solution, 4706
Levalbuterol solution, 4801
Metaproterenol sulfate aerosol, 5040
Metaproterenol sulfate solution, 5041
Racinephrine solution, 5963
Ribavirin for solution, 5998
Salmeterol powder, 6096
Sodium chloride, solution, 6185
Sterile water for, 6718
Terbutaline sulfate aerosol, 6375
Tobramycin solution, 6497

Inhalation and nasal drug products: aerosols, sprays, and powders—performance quality tests (601), 472

Inhalation and nasal drug products general information and product quality tests (5), 90

Injection

Acepromazine maleate, 2541
Acetazolamide for, 2578
Acyclovir for, 2592
Adenosine, 2601
Alcohol, dehydrated, 2618
Alcohol in dextrose, 2619
Alfentanil, 2624
Alprostadil, 2652
Alteplase for, 2655
Amifostine for, 2710
Amikacin sulfate, 2714
Aminocaproic acid, 2728
Aminohippurate sodium, 2732
Aminopentamide sulfate, 2734
Aminophylline, 2737
Amiodarone hydrochloride, 2753
Amitriptyline hydrochloride, 2759
Ammonium chloride, 2775
Ammonium molybdate, 2778
Amobarbital sodium for, 2779
Amphotericin B for, 2799
Ampicillin for, 2807
Ampicillin and sulbactam for, 2813

Anileridine, 2823
Aprotinin, 2851
Arginine hydrochloride, 2856
Articaine hydrochloride and epinephrine, 2864
Ascorbic acid, 2866
Atenolol, 2887
Atracurium besylate, 2903
Atropine sulfate, 2906
Azaperone, 2912
Azathioprine sodium for, 2917
Azithromycin for, 2925
Aztreonam, 2933
Aztreonam for, 2934
Bacitracin for, 2937
Bacteriostatic sodium chloride, 6183
Bacteriostatic water for, 6717
Benztropine mesylate, 2990
Benzylpenicilloyl polylysine, 2994
Betamethasone sodium phosphate, 3009
Bethanechol chloride, 3019
Biperiden lactate, 3030
Bleomycin for, 3046
Bretylium tosylate, 3048
Bretylium tosylate in dextrose, 3049
Brompheniramine maleate, 3059
Bumetanide, 3063
Bupivacaine hydrochloride, 3066
Bupivacaine hydrochloride in dextrose, 3067
Bupivacaine hydrochloride and epinephrine, 3068
Butorphanol tartrate, 3100
Caffeine citrate, 3107
Caffeine and sodium benzoate, 3109
Calcitonin salmon, 3119
Calcitriol, 3121
Calcium chloride, 3135
Calcium gluceptate, 3137
Calcium gluconate, 3140
Calcium levulinate, 3146
Capreomycin for, 3167
Carbenicillin for, 3186
Carboplatin for, 3203
Carboprost tromethamine, 3206
Carmustine for, 3217
Cefamandole nafate for, 3247
Cefazolin, 3250
Cefazolin for, 3251
Cefepime for, 3261
Cefmenoxime for, 3268
Cefmetazole, 3270
Cefmetazole for, 3270
Cefonicid for, 3271
Cefoperazone, 3273
Cefoperazone for, 3273
Ceforanide for, 3275
Cefotaxime, 3276
Cefotaxime for, 3277
Cefotetan, 3282
Cefotetan for, 3283
Cefotiam for, 3285
Cefoxitin, 3288
Cefoxitin for, 3288
Cefpiramide for, 3290
Ceftazidime, 3301
Ceftazidime for, 3301
Ceftizoxime, 3304
Ceftizoxime for, 3304
Ceftriaxone, 3305
Ceftriaxone for, 3305
Cefuroxime, 3309
Cefuroxime for, 3309
Cephalothin, 3322
Cephalothin for, 3323

Cephapirin for, 3324
Cephadrine for, 3329
Chloramphenicol, 3349
Chloramphenicol sodium succinate for, 3355
Chloroprocaine hydrochloride, 3375
Chloroquine hydrochloride, 3376
Chlorothiazide sodium for, 3383
Chlorpheniramine maleate, 3387
Chlorpromazine hydrochloride, 3392
Chorionic gonadotropin for, 4436
Chromic chloride, 3406
Chromium Cr 51 edetate, 3407
Cimetidine, 3421
Cimetidine in sodium chloride, 3422
Ciprofloxacin, 3429
Cisapride compounded, veterinary, 3438
Cisatracurium besylate, 3442
Cisplatin for, 3446
Cladribine, 3459
Clavulanic acid and ticarcillin, 6464
Clindamycin, 3475
Clindamycin for, 3476
Cloprostenol, 3519
Codeine phosphate, 3547
Colchicine, 3553
Colistimethate for, 3557
Corticotropin, 3577
Corticotropin for, 3578
Corticotropin, repository, 3580
Cr 51, sodium chromate, 3407
Cupric chloride, 3593
Cupric sulfate, 3595
Cyanocobalamin, 3597
Cyclophosphamide for, 3608
Cyclosporine, 3615
Cysteine hydrochloride, 3621
Cytarabine for, 3623
Dacarbazine for, 3625
Dactinomycin for, 3627
Dantrolene sodium for, 3635
Daunorubicin hydrochloride for, 3639
Deferoxamine mesylate for, 3642
Dehydrated alcohol, 2618
Deslanoside, 3654
Desmopressin acetate, 3661
Desoxycorticosterone acetate, 3668
Dexamethasone, 3672
Dexamethasone sodium phosphate, 3681
Dextran 40 in dextrose, 3696
Dextran 40 in sodium chloride, 3697
Dextran 70 in dextrose, 3700
Dextran 70 in sodium chloride, 3701
Dextrose, 3709
Dextrose and sodium chloride, 3709
Diatrizoate meglumine, 3711
Diatrizoate meglumine and diatrizoate sodium, 3712
Diatrizoate sodium, 3715
Diazepam, 3719
Diazoxide, 3722
Dibucaine hydrochloride, 3725
Dicyclomine hydrochloride, 3744
Diethylstilbestrol, 3756
Digitoxin, 3764
Digoxin, 3767
Dihydroergotamine mesylate, 3771
Dihydrostreptomycin, 3773
Dimenhydrinate, 3788
Dimercaprol, 3791
Dinoprost tromethamine, 3795
Diphenhydramine hydrochloride, 3805
Dipyridamole, 3820
Dobutamine, 3841
Dobutamine for, 3842

Injection (continued)

- Dobutamine in dextrose, 3843
 Docetaxel, 3846
 Dopamine hydrochloride, 3865
 Dopamine hydrochloride and dextrose, 3866
 Doxapram hydrochloride, 3873
 Doxorubicin hydrochloride, 3884
 Doxorubicin hydrochloride for, 3885
 Doxycycline for, 3891
 Droperidol, 3912
 Dyphylline, 3929
 Edetate calcium disodium, 3939
 Edetate disodium, 3941
 Edrophonium chloride, 3941
 Electrolytes and dextrose type 1, multiple, 3954
 Electrolytes and dextrose type 2, multiple, 3958
 Electrolytes and dextrose type 3, multiple, 3961
 Electrolytes type 1, multiple, 3949
 Electrolytes type 2, multiple, 3952
 Elements, trace, 3964
 Emetine hydrochloride, 3968
 Enalaprilat, 3976
 Enoxaparin sodium, 3982
 Ephedrine sulfate, 3997
 Epinephrine, 4000
 Epirubicin hydrochloride, 4006
 Ergonovine maleate, 4020
 Ergotamine tartrate, 4024
 Erythromycin, 4033
 Erythromycin ethylsuccinate, 4043
 Erythromycin lactobionate for, 4047
 Estradiol cypionate, 4076
 Estradiol valerate, 4077
 Ethacrynate sodium for, 4093
 Ethiodized oil, 4102
 Etomidate, 4119
 Etoposide, 4123
 Famotidine, 4137
 Fenoldopam mesylate, 4160
 Fentanyl citrate, 4166
 Ferumoxides, 4180
 Floxuridine for, 4208
 Fluconazole, 4211
 Fluconazole in dextrose, 4214
 Fluconazole in sodium chloride, 4216
 Fludarabine phosphate, 4226
 Fludarabine phosphate for, 4228
 Fludeoxyglucose F18, 4250
 Flumazenil, 4232
 Flunixin meglumine, 4238
 Fluorescein, 4245
 F 18, sodium fluoride, 4251
 Fluorouracil, 4258
 Fluphenazine decanoate, 4269
 Fluphenazine enanthate, 4270
 Fluphenazine hydrochloride, 4272
 Folic acid, 4323
 Fondaparinux sodium, 4327
 Fosphenytoin sodium, 4341
 Fructose, 4343
 Fructose and sodium chloride, 4344
 Furosemide, 4348
 Gadodiamide, 4357
 Gadopentetate dimeglumine, 4359
 Gadoteridol, 4363
 Gadoversetamide, 4366
 Gallamine triethiodide, 4379
 Gallium citrate Ga 67, 4379
 Ganciclovir for, 4381
 Gemcitabine for, 4386
 Gentamicin, 4390
 Glucagon for, 4411
 Glycopyrrolate, 4427
 Gold sodium thiomalate, 4430
 Gonadorelin for, 4430
 Gonadotropin, chorionic for, 4436
 Granisetron hydrochloride, 4441
 Guaifenesin for, 4451
 Haloperidol, 4469
 Heparin sodium, 4480
 Histamine phosphate, 4485
 Hyaluronidase, 4491
 Hyaluronidase for, 4491
 Hydralazine hydrochloride, 4494
 Hydrochloric acid, 4495
 Hydrocortisone sodium phosphate, 4518
 Hydrocortisone sodium succinate for, 4520
 Hydromorphone hydrochloride, 4528
 Hydroxocobalamin, 4533
 Hydroxyprogesterone caproate, 4536
 Hydroxyzine hydrochloride, 4540
 Hyoscyamine sulfate, 4550
 I 123, iobenguane, 4632
 I 123, iodohippurate sodium, 4634
 I 125, iothalamate sodium, 4637
 I 125, albumin, iodinated, 4636
 I 131, iobenguane, 4633
 I 131, iodohippurate sodium, 4638
 I 131, rose bengal sodium, 4639
 I 131, albumin, iodinated, 4637
 I 131, albumin aggregated, iodinated, 4638
 Idarubicin hydrochloride, 4565
 Idarubicin hydrochloride for, 4564
 Ifosfamide for, 4569
 Imipenem and cilastatin for, 4571
 Imipramine hydrochloride, 4574
 Inamrinone, 4583
 Indigotindisulfonate sodium, 4586
 Indium In 111 capromab pendetide, 4589
 Indium In 111 ibritumomab tiuxetan, 4591
 Indium In 111 pentetate, 4592
 Indium In 111 pentetate, 4593
 Indium In 111 satumomab pendetide, 4593
 Indocyanine green for, 4595
 Indomethacin for, 4600
 injection, 3415
 Insulin, 4607
 Insulin aspart, 4610
 Insulin glargine, 4613
 Insulin human, 4617
 Human insulin and human insulin isophane suspension, 4617
 Insulin lispro, 4623
 Inulin in sodium chloride, 4629
 Invert sugar, 6241
 Iodipamide meglumine, 4641
 Iodixanol, 4645
 Iohexol, 4652
 Iopamidol, 4654
 Iopromide, 4658
 Iothalamate meglumine, 4659
 Iothalamate meglumine and iothalamate sodium, 4659
 Iothalamate sodium, 4660
 Ioversol, 4662
 Ioxaglate meglumine and ioxaglate sodium, 4663
 Ioxilan, 4666
 Irinotecan hydrochloride, 4678
 Iron dextran, 4680
 Iron sorbitex, 4681
 Iron sucrose, 4682
 Isoniazid, 4694
 Isoproterenol hydrochloride, 4701
 Isoxsuprine hydrochloride, 4726
 Ivermectin, 4732
 Ivermectin and clorsulon, 4736
 Kanamycin, 4742
 Ketamine hydrochloride, 4746
 Ketorolac tromethamine, 4754
 Labetalol hydrochloride, 4759
 Leucovorin calcium, 4797
 Levetiracetam, 4825
 Levocarnitine, 4823
 Levorphanol tartrate, 4839
 Lidocaine hydrochloride, 4848
 Lidocaine hydrochloride and dextrose, 4852
 Lidocaine hydrochloride and epinephrine, 4853
 Lincomycin, 4856
 Lorazepam, 4905
 Magnesium sulfate, 4952
 Magnesium sulfate in dextrose, 4953
 Manganese chloride, 4957
 Manganese sulfate, 4960
 Mannitol, 4962
 Mannitol in sodium chloride, 4963
 Mechlorethamine hydrochloride for, 4974
 Menadiol sodium diphosphate, 5003
 Menadione, 5005
 Meperidine hydrochloride, 5008
 Mepivacaine hydrochloride, 5015
 Mepivacaine hydrochloride and levonordefrin, 5016
 Meropenem for, 5026
 Mesoridazine besylate, 5035
 Metaraminol bitartrate, 5043
 Methadone hydrochloride, 5061
 Methocarbamol, 5078
 Methohexital sodium for, 5081
 Methotrexate, 5084
 Methotrexate for, 5085
 Methotrimeprazine, 5087
 Methylodopate hydrochloride, 5104
 Methylene blue, 5107
 Methylene blue, veterinary, 5107
 Methylergonovine maleate, 5109
 Methylprednisolone sodium succinate for, 5123
 Metoclopramide, 5129
 Metoprolol tartrate, 5141
 Metronidazole, 5152
 Mezlocillin for, 5161
 Miconazole, 5163
 Midazolam, 5168
 Minocycline for, 5174
 Mitomycin for, 5195
 Mitoxantrone, 5197
 Morphine sulfate, 5234
 Morrhuate sodium, 5236
 Mycophenolate mofetil for, 5250
 N 13, ammonia, 5369
 Nafcillin, 5265
 Nafcillin for, 5266
 Nalorphine hydrochloride, 5273
 Naloxone hydrochloride, 5274
 Nandrolone decanoate, 5278
 Nandrolone phenpropionate, 5279
 Neomycin for, 5300
 Neostigmine methylsulfate, 5328
 Netilmicin sulfate, 5329
 Niacin, 5335
 Niacinamide, 5340
 Nicardipine hydrochloride, 5342
 Nitroglycerin, 5371
 Norepinephrine bitartrate, 5381
 Ondansetron, 5443
 Orphenadrine citrate, 5459

Injection (continued)

- Oxacillin, 5471
 Oxacillin for, 5472
 Oxaliplatin, 5477
 Oxaliplatin for, 5479
 Oxymorphone hydrochloride, 5527
 Oxytetracycline, 5532
 Oxytetracycline for, 5536
 Oxytocin, 5541
 Paclitaxel, 5544
 Pamidronate disodium for, 5552
 Pancuronium bromide, 5560
 Papaverine hydrochloride, 5571
 Paricalcitol, 5575
 Particulate matter in injections (788), 665
 Pemetrexed, 5590
 Penicillin G potassium, 5603
 Penicillin G potassium for, 5604
 Penicillin G sodium for, 5616
 Pentazocine, 5630
 Pentobarbital sodium, 5634
 Perphenazine, 5650
 Phenobarbital sodium, 5666
 Phentolamine mesylate for, 5675
 Phenylbutazone, 5678
 Phenylephrine hydrochloride, 5683
 Phenytoin sodium, 5697
 Physostigmine salicylate, 5700
 Phytonadione injectable emulsion, 5702
 Piperacillin for, 5727
 Piperacillin and tazobactam for, 5728
 Polymyxin B for, 5752
 Potassium acetate, 5757
 Potassium chloride concentrate for, 5764
 Potassium chloride in dextrose, 5766
 Potassium chloride in dextrose and sodium chloride, 5767
 Potassium chloride in lactated Ringer's and dextrose, 5769
 Potassium chloride in sodium chloride, 5772
 Potassium phosphates, 5788
 Pralidoxime chloride for, 5795
 Prednisolone sodium phosphate, 5819
 Prednisolone sodium succinate for, 5820
 Prilocaine and epinephrine, 5828
 Prilocaine hydrochloride, 5827
 Procainamide hydrochloride, 5840
 Procaine hydrochloride, 5843
 Procaine hydrochloride and epinephrine, 5843
 Procaine and tetracaine hydrochlorides and levonordefrin, 5844
 Prochlorperazine edisylate, 5848
 Progesterone, 5854
 Promazine hydrochloride, 5861
 Promethazine hydrochloride, 5864
 Propofol injectable emulsion, 5887
 Propoxycaïne and procaine hydrochlorides and levonordefrin, 5889
 Propoxycaïne and procaine hydrochlorides and norepinephrine bitartrate, 5890
 Propranolol hydrochloride, 5894
 Protamine sulfate, 5903
 Pyridostigmine bromide, 5922
 Pyridoxine hydrochloride, 5925
 Quinidine gluconate, 5947
 Ranitidine, 5975
 Ranitidine in sodium chloride, 5978
 Repository corticotropin, 3580
 Reserpine, 5987
 Riboflavin, 6002
 Rifampin for, 6009
 Ringer's, 6019
 Ringer's and dextrose, 6021
 Ringer's and dextrose, half-strength lactated, 6028
 Ringer's and dextrose, lactated, 6025
 Ringer's and dextrose, modified, lactated, 6030
 Ringer's, lactated, 6023
 Ritodrine hydrochloride, 6043
 Ropivacaine hydrochloride, 6078
 Rose bengal sodium I 131, 4639
 Rubidium chloride Rb 82, 6082
 Sargramostim for, 6110
 Scopolamine hydrobromide, 6128
 Secobarbital sodium, 6132
 Secobarbital sodium for, 6132
 Selenious acid, 6139
 Sisomicin sulfate, 6169
 Sm 153 lexidronam, samarium, 6106
 Sodium acetate, 6173
 Sodium bicarbonate, 6178
 Sodium bromide, veterinary, 6179
 Sodium chloride, 6183
 Sodium chloride, bacteriostatic, 6183
 Sodium chromate Cr 51, 3407
 Sodium lactate, 6194
 Sodium nitrite, 6196
 Sodium nitroprusside for, 6197
 Sodium phosphates, 6202
 Sodium sulfate, 6208
 Sodium thiosulfate, 6210
 Somatropin for, 6212
 Strontium chloride Sr 89, 6235
 Streptomycin, 6234
 Streptomycin for, 6234
 Succinylcholine chloride, 6237
 Sufentanil citrate, 6241
 Sugar, invert, 6241
 Sulfadiazine sodium, 6259
 Sulfamethoxazole and trimethoprim, 6269
 Sumatriptan, 6288
 Technetium Tc 99m albumin, 6331
 Technetium Tc 99m albumin aggregated, 6332
 Technetium Tc 99m albumin colloid, 6333
 Technetium Tc 99m apcitide, 6335
 Technetium Tc 99m arcitumomab, 6335
 Technetium Tc 99m bicipitate, 6336
 Technetium Tc 99m depreotide, 6337
 Technetium Tc 99m disofenin, 6337
 Technetium Tc 99m etidronate, 6338
 Technetium Tc 99m exametazime, 6338
 Technetium Tc 99m fanolesomab, 6339
 Technetium Tc 99m gluceptate, 6340
 Technetium Tc 99m lidofenin, 6341
 Technetium Tc 99m mebrofenin, 6342
 Technetium Tc 99m medronate, 6343
 Technetium Tc 99m mertiatide, 6344
 Technetium Tc 99m nofetumomab merpentan, 6345
 Technetium Tc 99m oxiseonate, 6345
 Technetium Tc 99m pentetate, 6345
 Technetium Tc 99m pertechnetate, sodium, 6346
 Technetium Tc 99m pyrophosphate, 6348
 Technetium Tc 99m (pyro- and trimeta-) phosphates, 6348
 Technetium Tc 99m red blood cells, 6349
 Technetium Tc 99m sestamibi, 6349
 Technetium Tc 99m succimer, 6350
 Technetium Tc 99m sulfur colloid, 6351
 Technetium Tc 99m tetrofosmin, 6352
 Teniposide, 6363
 Terbutaline sulfate, 6376
 Testosterone cypionate, 6388
 Testosterone enanthate, 6389
 Testosterone propionate, 6390
 Tetracaine hydrochloride, 6394
 Tetracaine hydrochloride for, 6395
 Tetracaine hydrochloride in dextrose, 6397
 Tetracycline hydrochloride for, 6404
 Thallous chloride TI 201, 6415
 Theophylline in dextrose, 6423
 Thiamine hydrochloride, 6431
 Thiopental sodium for, 6445
 Thiotepa for, 6450
 Thiothixene hydrochloride, 6453
 Thiothixene hydrochloride for, 6454
 Ticarcillin and clavulanic acid, 6464
 Ticarcillin and clavulanic acid for, 6465
 Ticarcillin for, 6463
 Tigecycline for, 6473
 Tiletamine and zolazepam for, 6475
 Tilimicosin, 6478
 Tobramycin, 6493
 Tobramycin for, 6494
 Tolazoline hydrochloride, 6509
 Tolbutamide for, 6511
 Trifluoperazine hydrochloride, 6585
 Triflupromazine hydrochloride, 6588
 Trimethobenzamide hydrochloride, 6596
 Tripeleennamine hydrochloride, 6602
 Tromethamine for, 6610
 Tubocurarine chloride, 6619
 Tylosin, 6621
 Urea for, 6628
 Valproate sodium, 6643
 Vancomycin, 6655
 Vancomycin hydrochloride for, 6658
 Vasopressin, 6662
 Verapamil hydrochloride, 6676
 Verteporfin for, 6684
 Vinblastine sulfate for, 6691
 Vincristine sulfate, 6694
 Vincristine sulfate for, 6695
 Vinorelbine, 6698
 Warfarin sodium for, 6714
 Water for, bacteriostatic, 6717
 Water for, sterile, 6718
 Water for, 6717
 Xenon Xe 133, 6722
 Xylazine, 6725
 Yohimbine, 6729
 Yttrium Y 90 ibritumomab tiuxetan, 6730
 Zidovudine, 6740
 Zinc chloride, 6749
 Zinc sulfate, 6756
 Zolazepam and tiletamine for injection, 6475

Injections and implanted drug products (parenterals)—product quality tests (1), 67
 Inosine, 2365
 Inositol, 2365, 7708
 Insoluble matter in reagents, 2326
 Insulin, 4605
 aspart, 4608
 assays (121), 205
 glargine, 4611
 glargine injection, 4613
 human, 4615
 human injection, 4617
 human isophane suspension and human insulin injection, 4617
 human suspension, isophane, 4620
 injection, 4607
 lispro, 4621
 lispro injection, 4623
 suspension, isophane, 4619
 zinc suspension, 4624

- Insulin (*continued*)
 zinc suspension, extended, 4625
 zinc suspension, prompt, 4627
- Insulin aspart
 injection, 4610
- Intestinal fluid, simulated, TS, 2416, 2420
- Intramammary infusion
 amoxicillin, 2787
 cloxacillin benzathine, 3531
- Intrauterine contraceptive system
 progesterone, 5854
- Intrinsic viscosity table, 2525
- Inulin, 4628
 in sodium chloride injection, 4629
- Invert sugar, 7710
- In vitro
 and in vivo evaluation of dosage forms (1088), 1277
 biological reactivity tests (87), 169
- In vivo
 biological reactivity tests (88), 172
 and in vitro evaluation of dosage forms (1088), 1277
- Iobenguane
 I 123 injection, 4632
 I 131 injection, 4633
 sulfate, 2365
- Iodic acid, 2365
- Iodinated
 I 125 albumin injection, 4636
 I 131 albumin aggregated injection, 4638
 I 131 albumin injection, 4637
- Iodine, 2365, 4630
 diluted TS, 2416
 hundredth-normal (0.01 N), 2427
 I 123 capsules, sodium iodide, 4635
 I 123 injection, iobenguane, 4632
 I 123 injection, iodohippurate sodium, 4634
 I 123 solution, sodium iodide, 4636
 I 125 albumin injection, iodinated, 4636
 I 125 injection, iothalamate sodium, 4637
 I 131 albumin aggregated injection, iodinated, 4638
 I 131 albumin injection, iodinated, 4637
 I 131 capsules, sodium iodide, 4640
 I 131 injection, iobenguane, 4633
 I 131 injection, iodohippurate sodium, 4638
 I 131 injection, rose bengal sodium, 4639
 I 131 solution, sodium iodide, 4640
 monobromide, 2365
 monochloride, 2365
 monochloride TS, 2416
 and potassium iodide TS 1, 2416
 and potassium iodide TS 2, 2416
 and potassium iodide TS 3, 2416
 solution, strong, 4631
 topical solution, 4630
 tenth-normal (0.1 N), 2416, 2427
 tincture, 4631
 tincture, strong, 4632
 TS, 2416
 twentieth-normal (0.05 N), 2427
- Iodipamide, 4641
 meglumine injection, 4641
- Iodixanol, 4642
 injection, 4645
- Iodobromide TS, 2416
- Iodochloride TS, 2416
- Iodoethane, 2365
- Iodoform, 4648
- Iodohippurate sodium
 I 123 injection, 4634
 I 131 injection, 4638
- Iodometric assay—antibiotics (425), 353
- p*-Iodonitrotetrazolium violet, 2365
- Iodoplatinate TS, 2416
- Iodoquinol, 4648
 tablets, 4649
- Iohexol, 4649
 injection, 4652
- Ion chromatography (1065), 1197
- Ion-exchange resin, 2365
- Iopamidol, 4653
 injection, 4654
- Iopromide, 4655
 injection, 4658
- Iothalamate
 meglumine injection, 4659
 meglumine and iothalamate sodium injection, 4659
 sodium I 125 injection, 4637
 sodium injection, 4660
 sodium and iothalamate meglumine injection, 4659
- Iothalamic acid, 4661
- Ioversol, 4662
 injection, 4662
- Ioxaglate
 meglumine and ioxaglate sodium injection, 4663
 sodium and ioxaglate meglumine injection, 4663
- Ioxaglic acid, 4664
- Ioxilan, 4665
 injection, 4666
- Ipecac, 4667
 powdered, 4668
 oral solution, 4669
- Ipratropium bromide, 4670
- Irbesartan, 4671
 and hydrochlorothiazide tablets, 4674
 tablets, 4673
- Irinotecan hydrochloride, 4676
 injection, 4678
- Iron
 carbonyl, 4679
 dextran injection, 4680
 phenol TS, 2416
 powder, 2365
 salicylate TS, 2417
 sorbitex injection, 4681
 sucrose injection, 4682
 wire, 2365
- Iron (241), 301
- Isoamyl
 alcohol, 2365
- Isobutane, 7713
- Isobutyl
 acetate, 2365
 alcohol, 2329, 2366, 7713
- 4-Isobutylacetophenone, 2366
- N*-Isobutylpiperidone, 2366
- Isoetharine
 hydrochloride, 4684
 inhalation solution, 4685
 mesylate, 4685
 mesylate inhalation aerosol, 4686
- Isoflupredone acetate, 2366, 4687
 injectable suspension, 4688
- neomycin sulfate and tetracaine hydrochloride ointment, 5309
- neomycin sulfate and tetracaine hydrochloride topical powder, 5310
- Isoflurane, 4688
- Isoleucine, 4690
- L*-Isoleucine, 2366
- Isomalt, 7715
- Isomaltotriose, 2366
- Isometheptene mucate, 4691
 dichloralphenazone, and acetaminophen capsules, 4692
- 2-Isoniazid, 2366, 4693
 injection, 4694
 and rifampin capsules, 6010
 rifampin, pyrazinamide, and ethambutol hydrochloride tablets, 6013
 rifampin and pyrazinamide tablets, 6012
 oral solution, 4694
 tablets, 4695
- Isonicotinamide, 2366
- Isonicotinic acid, 2366
 hydrazide, 2366
- Isooctane, 2366
- Isopropamide iodide, 4696
 tablets, 4696
- Isopropyl
 acetate, 2366
 alcohol, 2329, 2366, 2383, 4697
 alcohol, azeotropic, 4698
 alcohol, dehydrated, 2329, 2366
 alcohol, rubbing, 4699
 ether, 2366
 iodide, 2366
 myristate, 2366, 7717
 palmitate, 7717
 salicylate, 2366
- Isopropylamine, 2366
- Isoproterenol
 hydrochloride, 4699
 hydrochloride and acetylcysteine inhalation solution, 2587
 hydrochloride inhalation aerosol, 4700
 hydrochloride injection, 4701
 hydrochloride and phenylephrine bitartrate inhalation aerosol, 4702
 hydrochloride tablets, 4702
 inhalation solution, 4699
 sulfate, 4704
 sulfate inhalation aerosol, 4705
 sulfate inhalation solution, 4706
- Isorhamnetin, 2366
- Isosorbide
 concentrate, 4706
 dinitrate extended-release capsules, 4708
 dinitrate chewable tablets, 4710
 dinitrate, diluted, 4708
 dinitrate sublingual tablets, 4712
 dinitrate extended-release tablets, 4710
 mononitrate, diluted, 4712
 mononitrate tablets, 4714
 mononitrate extended-release tablets, 4715
 oral solution, 4707
- Isotretinoin, 4720
 capsules, 4721
- Isovaleric acid, 2366
- Isoxsuprine hydrochloride, 4725
 injection, 4726
 tablets, 4726
- Isradipine, 4727
 capsules, 4728
 oral suspension, 4728
- Itraconazole, 4729
- Ivermectin, 4730
 and clorsulon injection, 4736
 injection, 4732

Ivermectin (*continued*)
 paste, 4733
 and pyrantel pamoate tablets, 4737
 topical solution, 4736
 tablets, 4734
 Ixabepilone, 4739

J

Japanese honeysuckle flower, 7055
 dry extract, 7058
 powder, 7060
 Juniper tar, 4741

K

Kaempferol, 2366
 Kanamycin
 injection, 4742
 sulfate, 4742
 sulfate capsules, 4744
 Kaolin, 4745
 Kerosene, 2366
 Ketamine hydrochloride, 4745
 injection, 4746
 Ketoconazole, 4747
 oral suspension, 4748
 tablets, 4748
 Ketoprofen, 4749
 capsules, 4750
 extended-release capsules, 4751
 Ketorolac tromethamine, 4753
 injection, 4754
 tablets, 4756
 Kr 81m
 krypton, 4757
 Krill oil
 capsules, 7066
 delayed-release capsules, 7069
 Krypton Kr 81m, 4757

L

L designations, 2366
 Labeling (7), 98
 Labeling of inactive ingredients (1091), 1296
 Labetalol hydrochloride, 4758
 injection, 4759
 oral suspension, 4759
 tablets, 4760
 alpha-Lactalbumin, 7718
 Lactase, 4761
 Lactic acid, 4761
 Lactitol, 7722
 Lactobionic acid, 7723
 Lactose, 2367
 anhydrous, 7724
 beta, 2367
 monohydrate, 7726
 monohydrate, alpha, 2367
 Lactulose
 concentrate, 4762
 solution, 4763

Lamivudine, 4764
 oral solution, 4766
 tablets, 4767
 and abacavir tablets, 2529
 and zidovudine tablets, 4769
 Lamotrigine, 4771
 tablets, 4772
 Lamotrigine
 extended-release tablets, 4774
 tablets for oral suspension, 4776
 Lamotrigine compounded
 oral suspension, 4778
 Lanolin, 4779
 alcohols, 7727
 modified, 4781
 Lansoprazole, 4784
 delayed-release capsules, 4786
 Lansoprazole compounded
 oral suspension, 4787
 Lanthanum
 alizarin complexan mixture, 2367
 chloride, 2367
 nitrate hexahydrate, 2367
 nitrate TS, 2417
 oxide, 2367
 Latanoprost, 4788
 Lauric acid, 7728
 Lauroyl polyoxylglycerides, 7729
 Lauryl dimethyl amine oxide, 2367
 Lead
 acetate, 2367
 acetate paper, 2367
 acetate test paper, 2408
 acetate TS, 2417
 acetate TS, alcoholic, 2417
 monoxide, 2367
 nitrate, 2367
 nitrate, hundredth-molar (0.01 M), 2428
 nitrate stock solution TS, 2417
 perchlorate, 2367
 perchlorate, hundredth-molar (0.01 M), 2428
 perchlorate, tenth-molar (0.1 M), 2428
 solution, standard, 2421
 subacetate TS, 2417
 subacetate TS, diluted, 2415, 2417
 tetraacetate, 2367
 Lead (251), 302
 Leak rate (604), 500
 Lecithin, 7730
 Leflunomide, 4789
 tablets, 4791
 Lemon
 oil, 7732
 tincture, 7733
 Letrozole, 4792
 tablets, 4793
 Leucine, 4795
 Leucovorin calcium, 4796
 injection, 4797
 tablets, 4798
 Leuprolide acetate, 4799
 Levalbuterol
 inhalation solution, 4801
 Levalbuterol hydrochloride, 4803
 Levamisole hydrochloride, 4805
 tablets, 4805
 Levettiracetam, 4806
 extended-release tablets, 4812
 injection, 4808
 oral solution, 4809
 tablets, 4811
 Levmetamfetamine, 4818
 Levobunolol hydrochloride, 4819
 ophthalmic solution, 4820

Levocabastine hydrochloride, 4820
 Levocarnitine, 4821
 injection, 4823
 oral solution, 4823
 tablets, 4824
 Levocetirizine dihydrochloride
 tablets, 4826
 Levodopa, 4828
 capsules, 4829
 Levodopa
 and carbidopa extended-release tablets, 3190
 and carbidopa orally disintegrating tablets, 3196
 and carbidopa tablets, 3189
 tablets, 4830
 Levofloxacin, 4831
 oral solution, 4833
 tablets, 4834
 Levonordefrin, 4836
 and mepivacaine hydrochloride injection, 5016
 and procaine and tetracaine hydrochlorides injection, 5844
 and propoxycaine and procaine hydrochlorides injection, 5889
 Levonorgestrel, 4837
 and ethinyl estradiol tablets, 4837
 Levorphanol tartrate, 4838
 injection, 4839
 tablets, 4839
 Levothyroxine sodium, 4840
 oral powder, 4842
 tablets, 4843
 Licorice, 7072
 extract, powdered, 7074
 fluidextract, 7733
 powdered, 7073
 Lidocaine, 4845
 topical aerosol, 4845
 hydrochloride, 4847
 hydrochloride and dextrose injection, 4852
 hydrochloride and epinephrine injection, 4853
 hydrochloride injection, 4848
 hydrochloride jelly, 4849
 hydrochloride oral topical solution, 4849
 hydrochloride topical solution, 4851
 neomycin and polymyxin B sulfates and bacitracin ointment, 5315
 neomycin and polymyxin B sulfates and bacitracin zinc ointment, 5318
 and neomycin and polymyxin B sulfates cream, 5323
 ointment, 4846
 and prilocaine cream, 4854
 oral topical solution, 4847
 Light diffraction measurement of particle size (429), 354
 Lime, 4855
 Limestone
 ground, 7075
 (R)-(+)-Limonene, 2367
 Linalool, 2368
 Lincomycin
 hydrochloride, 4856
 hydrochloride capsules, 4857
 hydrochloride soluble powder, 4858
 injection, 4856
 oral solution, 4856
 Lindane, 4858
 cream, 4859
 lotion, 4859
 shampoo, 4859
 Linoleic acid, 2368

Linoleoyl polyoxylglycerides, 7734
 Liothyronine sodium, 4860
 tablets, 4861
 Liotrix tablets, 4862
 Lipid injectable emulsion, 4863
 Lipoic acid
 alpha, 7076
 capsules, alpha, 7077
 tablets, alpha, 7078
 α-Lipoic acid, 2368
 Liquid petrolatum, 2368
 Liquid-phase sterilization (1229.6), 1834
 Lisinopril, 4864
 and hydrochlorothiazide tablets, 4867
 oral suspension, 4865
 tablets, 4866
 Lithium, 2368
 carbonate, 4870
 carbonate capsules, 4871
 carbonate tablets, 4872
 carbonate extended-release tablets, 4873
 chloride, 2368
 citrate, 4874
 hydroxide, 2368, 4875
 metaborate, 2368
 methoxide, fiftieth-normal (0.02 N) in
 methanol, 2428
 methoxide, tenth-normal (0.1 N) in
 chlorobenzene, 2428
 methoxide, tenth-normal (0.1 N) in
 methanol, 2429
 methoxide, tenth-normal (0.1 N) in
 toluene, 2429
 nitrate, 2368
 perchlorate, 2368
 oral solution, 4870
 sulfate, 2368
 Lithocholic acid, 2368
 Litmus, 2368, 2407
 paper, blue, 2409
 paper, red, 2409
 TS, 2417
 Locke-Ringer's
 solution, 2417
 TS, 2417
 Locust bean gum, 2368
 Lomustine, 4876
 capsules, 4878
 Loperamide hydrochloride, 4880
 capsules, 4880
 oral solution, 4881
 tablets, 4882
 Lopinavir, 4883
 Lopinavir
 and ritonavir oral solution, 4886
 and ritonavir tablets, 4890
 Loracarbef, 4893
 capsules, 4894
 for oral suspension, 4895
 Loratadine, 4896
 chewable tablets, 4900
 oral solution, 4897
 tablets, 4899
 orally disintegrating tablets, 4901
 Lorazepam, 4904
 injection, 4905
 oral concentrate, 4907
 tablets, 4908
 Losartan potassium, 4910
 and hydrochlorothiazide tablets, 4913
 tablets, 4911
 Loss on drying (731), 614
 Loss on drying for reagents, 2326

Loss on ignition (733), 615

Lotion

Amphotericin B, 2799
 Benzoyl peroxide, 2989
 Benzyl benzoate, 2992
 Betamethasone dipropionate, 3006
 Betamethasone valerate, 3013
 Clotrimazole, 3525
 Flurandrenolide, 4276
 Hydrocortisone, 4507
 Hydrocortisone acetate, 4513
 Lindane, 4859
 Malathion, 4955
 Methylbenzethonium chloride, 5096
 Neomycin sulfate and flurandrenolide,
 5306
 Neomycin sulfate and hydrocortisone
 acetate, 5308
 Nystatin, 5402
 Padimate O, 5546
 Triamcinolone acetonide, 6560

Lovastatin, 4917
 tablets, 4919
 Low molecular weight heparin molecular
 weight determinations (209), 270
 Loxapine
 capsules, 4921
 succinate, 4920
 Lufenuron, 4921
 Lumefantrine, 4923
 Lutein, 7078
 capsules, 7079
 preparation, 7080
 Lycopene, 7081
 preparation, 7083
 tomato extract containing, 7084
 Lysine
 acetate, 4924
 hydrochloride, 4925
 hydrochloride tablets, 7087
 L-Lysine, 2368

M

Mafenide acetate, 4927
 cream, 4928
 for topical solution, 4928
 Magaldrate, 4930
 and simethicone chewable tablets, 4933
 and simethicone oral suspension, 4932
 oral suspension, 4931
 tablets, 4931
 Magnesia
 alumina and calcium carbonate chewable
 tablets, 2663
 alumina, calcium carbonate, and
 simethicone chewable tablets, 2664
 alumina and calcium carbonate oral
 suspension, 2662
 alumina and simethicone chewable tablets,
 2668
 alumina and simethicone oral suspension,
 2666
 and alumina oral suspension, 2660

and alumina tablets, 2661
 aspirin and alumina tablets, 2877
 aspirin, codeine phosphate, and alumina
 tablets, 2883
 calcium carbonate and simethicone
 chewable tablets, 3131
 and calcium carbonate chewable tablets,
 3131
 milk of, 4934
 mixture TS, 2417
 tablets, 4934
 Magnesium, 2368
 acetate, 2368
 aluminometasilicate, 7735
 aluminosilicate, 7736
 aluminum silicate, 7738
 and calcium carbonates oral suspension,
 3133
 and calcium carbonates tablets, 3134
 carbonate, 4935
 carbonate and citric acid for oral solution,
 4936
 carbonate, citric acid, and potassium
 citrate for oral solution, 4937
 carbonate and sodium bicarbonate for oral
 suspension, 4937
 carbonate, alumina, and magnesium oxide
 tablets, 2671
 carbonate and alumina oral suspension,
 2669
 carbonate and alumina tablets, 2670
 chloride, 2368, 4938
 chloride, 0.01 M, 2429
 citrate, 4939
 citrate oral solution, 4940
 citrate for oral solution, 4941
 gluconate, 4942
 gluconate tablets, 4943
 hydroxide, 4943
 hydroxide paste, 4944
 nitrate, 2368
 oxide, 2368, 4945
 oxide, alumina, and magnesium carbonate
 tablets, 2671
 oxide, aspirin, and alumina tablets, 2878
 oxide capsules, 4946
 oxide, chromatographic, 2347, 2368
 oxide, citric acid, and sodium carbonate
 irrigation, 3458
 oxide tablets, 4947
 perchlorate, anhydrous, 2333, 2368
 phosphate, 4947
 salicylate, 4949
 salicylate tablets, 4950
 silicate, 7740
 silicate, activated, 2329, 2368
 silicate, chromatographic, 2368
 stearate, 7741
 sulfate, 2368, 4951
 sulfate, anhydrous, 2333, 2368
 sulfate in dextrose injection, 4953
 sulfate injection, 4952
 sulfate TS, 2417
 trisilicate, 4953
 trisilicate and alumina oral suspension,
 2672
 trisilicate and alumina tablets, 2673
 trisilicate tablets, 4954
 Malabar-nut-tree, leaf, 7087
 powdered, 7089
 extract, powdered, 7090
 Malachite green
 G, 2368
 oxalate, 2408
 TS, 2417

Malathion, 4955
 lotion, 4955
 Maleic acid, 2368, 7744
 Malic acid, 7745
 Mallory's stain, 2417
 Malonic acid, 2368
 Maltitol, 7746
 solution, 7747
 Maltodextrin, 7748
 Maltol, 7751
 Maltose, 7751
 Maltotriose, 2368
 Mandelic acid, 7752
 Manganese, 2368
 chloride, 4956
 chloride injection, 4957
 chloride for oral solution, 4958
 dioxide, 2369
 dioxide, activated, 2369, 2369
 gluconate, 4958
 sulfate, 4960
 sulfate injection, 4960
 Mannitol, 4960
 injection, 4962
 in sodium chloride injection, 4963
 D-Mannitol, 2369
 Manufacturing practices for dietary supplements (2750), 2303
 Maprotiline hydrochloride, 4963
 tablets, 4964
 Marbofloxacin compounded, veterinary
 oral suspension, 4965
 Maritime pine, 7091
 extract, 7092
 Mass spectrometry (736), 620
 Mayer's reagent, 2417
 Mazindol, 4966
 tablets, 4967
 Measurement of subvisible particulate matter
 in therapeutic protein injections (1787),
 2149
 Mebendazole, 4968
 oral suspension, 4969
 tablets, 4970
 Mebrofenin, 4971
 Mecamylamine hydrochloride, 4972
 tablets, 4973
 Mechlorethamine hydrochloride, 4974
 for injection, 4974
 Meclizine hydrochloride, 4975
 tablets, 4976
 Meclocycline sulfosalicylate, 4978
 cream, 4978
 Meclofenamate sodium, 4979
 capsules, 4980
 Medical air, 2602
 Medical devices—bacterial endotoxin and
 pyrogen tests (161), 236
 Medical gases assay (415), 349
 Medium-chain triglycerides, 2369, 7957
 Medroxyprogesterone acetate, 4980
 injectable suspension, 4981
 tablets, 4982
 Mefenamic acid, 4983
 capsules, 4984
 Mefloquine hydrochloride, 4984
 tablets, 4985
 Megestrol acetate, 4987
 oral suspension, 4987
 tablets, 4989
 Meglumine, 4990
 Melamine, 2369
 Melatonin, 7094
 tablets, 7095
 Melengestrol acetate, 4990

Meloxicam, 4991
 oral suspension, 4994
 tablets, 4995
 Melphalan, 4997
 tablets, 4997
 Melting range or temperature (741), 625
 Memantine hydrochloride, 4998
 tablets, 5000
 Members of the United States Pharmacopeial
 Convention, xix
 Menadiol sodium diphosphate, 5003
 injection, 5003
 tablets, 5004
 Menadione, 5005
 injection, 5005
 Menaquinone-7, 7096
 capsules, 7097
 extract, *Bacillus subtilis* subsp. *subtilis*, 7101
 preparation, 7098
 tablets, 7100
 Menthol, 5006
 and benzocaine topical aerosol, 2981
 lozenges, 5007
 and tetracaine ointment, 6392
 Meperidine hydrochloride, 5007
 injection, 5008
 oral solution, 5009
 tablets, 5009
 Mephénytoin, 5010
 tablets, 5011
 Mephobarbital, 5012
 tablets, 5013
 Mepivacaine hydrochloride, 5013
 injection, 5015
 and levonordefrin injection, 5016
 Meprednisone, 5017
 Meprobamate, 5017
 oral suspension, 5018
 tablets, 5019
 Meradimate, 5020
 2-Mercaptoethanol, 2369
 Mercaptopurine, 5020
 tablets, 5022
 Mercuric
 acetate, 2369
 acetate TS, 2417
 ammonium thiocyanate TS, 2417
 bromide, 2369
 bromide test paper, 2409
 bromide TS, alcoholic, 2412, 2417
 chloride, 2369
 chloride TS, 2417
 iodide, red, 2369
 iodide TS, 2417
 nitrate, 2369
 nitrate, tenth-molar (0.1 M), 2429
 nitrate TS, 2417
 oxide, yellow, 2369, 2406
 potassium iodide TS, 2417
 potassium iodide TS, alkaline, 2412, 2417,
 2418
 sulfate, 2369
 sulfate TS, 2414, 2417
 thiocyanate, 2369
 Mercurous nitrate
 dihydrate, 2369
 TS, 2418
 Mercury, 2369
 ammoniated, 5023
 Mercury (261), 303
 Meropenem, 5024
 for injection, 5026
 Mesalamine, 5027
 extended-release capsules, 5029
 rectal suspension, 5030

 delayed-release tablets, 5032
 Mesityl oxide, 2369
 Mesna, 5033
 Mesoridazine besylate, 5035
 injection, 5035
 oral solution, 5036
 tablets, 5037
 Mestranol, 5037
 and ethynodiol diacetate tablets, 4111
 and norethindrone tablets, 5385
 Metacresol, 5038
 Metanil
 yellow, 2369
 Metaphenylenediamine hydrochloride, 2369
 TS, 2418
 Metaphosphoric-acetic acid TS, 2418
 Metaphosphoric acid, 2369
 Metaproterenol sulfate, 5039
 inhalation aerosol, 5040
 inhalation solution, 5041
 oral solution, 5042
 tablets, 5043
 Metaraminol bitartrate, 5043
 injection, 5043
 Metaxalone, 5044
 tablets, 5046
 Metformin hydrochloride, 5047
 extended-release tablets, 5050
 and glipizide tablets, 4407
 and glyburide tablets, 4418
 and pioglitazone tablets, 5720
 tablets, 5048
 Methacholine chloride, 5058
 Methacrylic acid, 2369
 copolymer, 7753
 copolymer dispersion, 7755
 and ethyl acrylate copolymer, 7756
 and ethyl acrylate copolymer dispersion,
 7758
 and ethyl acrylate copolymer, partially-
 neutralized, 7760
 and methyl methacrylate copolymer, 7759
 Methacycline hydrochloride, 5059
 capsules, 5059
 oral suspension, 5060
 Methadone hydrochloride, 5060
 injection, 5061
 oral concentrate, 5061
 oral solution, 5062
 tablets, 5063
 tablets for oral suspension, 5064
 Methamphetamine hydrochloride, 5064
 tablets, 5065
 Methanesulfonic acid, 2369
 Methanol, 2329, 2333, 2369
 aldehyde-free, 2369
 anhydrous, 2369
 deuterated, 2350
 spectrophotometric, 2369
 Methazolamide, 5066
 tablets, 5066
 Methdilazine hydrochloride, 5067
 oral solution, 5068
 tablets, 5068
 Methenamine, 2362, 2369, 5069
 hippurate, 5071
 hippurate tablets, 5072
 mandelate, 5072
 mandelate for oral solution, 5073
 mandelate oral suspension, 5073
 mandelate tablets, 5074
 mandelate delayed-release tablets, 5074
 oral solution, 5070
 tablets, 5070

- Methimazole, 5075
 tablets, 5076
 Methionine, 5076
 Methocarbamol, 5077
 injection, 5078
 tablets, 5079
 Methods for the determination of particulate matter in injections and ophthalmic solutions (1788), 2163
 Methohexital, 5080
 sodium for injection, 5081
 Methotrexate, 5082
 injection, 5084
 for injection, 5085
 tablets, 5086
 Methotrimeprazine, 5086
 injection, 5087
 Methoxsalen, 5087
 capsules, 5088
 topical solution, 5089
 5-Methoxy-1*H*-benzimidazole-2-thiol, 2369
 7-Methoxycoumarin, 2369
 Methoxy determination (431), 359
 Methoxyethanol, 2369
 2-Methoxyethanol, 2369
 Methoxyflurane, 5089
 5-Methoxy-2-methyl-3-indoleacetic acid, 2369
 Methoxyphenylacetic acid, 2370
 Methoxyphenylacetic TS, 2418
 Methscopolamine bromide, 5090
 tablets, 5091
 Methsuximide, 5092
 capsules, 5093
 Methyclothiazide, 5093
 tablets, 5094
 Methyl
 acetate, 2370
 alcohol, 7761
 4-aminobenzoate, 2370
 arachidate, 2370
 behenate, 2370
 benzenesulfonate, 2370
 caprate, 2370
 caprylate, 2370
 carbamate, 2370
 chloroform, 2346, 2370, 2401
 erucate, 2370
 ethyl ketone, 2370
 green, 2370
 green-iodomercurate paper, 2409
 heptadecanoate, 2370
 iodide, 2370
 isobutyl ketone, 2370, 7762
 laurate, 2370
 lignocerate, 2371
 linoleate, 2371
 linolenate, 2371
 methacrylate, 2371
 methacrylate and ethyl acrylate copolymer dispersion, 7650
 myristate, 2371
 oleate, 2371
 orange, 2408
 orange TS, 2418
 palmitate, 2371
 purple TS, 2418
 red, 2371, 2408
 red-methylene blue TS, 2418
 red sodium, 2408
 red TS, 2418
 red TS 2, 2418
 red TS, methanolic, 2418
 salicylate, 7763
 stearate, 2371
 sulfoxide, 2371
 violet TS, 2418
 yellow, 2371, 2408
 yellow-methylene blue TS, 2418
 yellow paper, 2409
 yellow TS, 2418
 3-Methyl-2-benzothiazolinone hydrazone hydrochloride TS, 2418
 Methylamine, 40 percent in water, 2371
 Methylamine hydrochloride, 2371
p-Methylaminophenol sulfate, 2371
 Methylbenzethonium chloride, 5095
 lotion, 5096
 ointment, 5096
 topical powder, 5096
 4-Methylbenzophenone, 2371
 Methylbenzothiazolone hydrazone hydrochloride, 2371
 (*R*)-(+)- α -Methylbenzyl isocyanate, 2372
 (*S*)-(–)- α -Methylbenzyl isocyanate, 2372
 Methylcellulose, 5097
 ophthalmic solution, 5099
 oral solution, 5099
 tablets, 5099
 Methylcobalamin, 7102
 tablets, 7103
 Methyl dopa, 5099
 and chlorothiazide tablets, 5101
 and hydrochlorothiazide tablets, 5103
 oral suspension, 5100
 tablets, 5101
 Methyl dopate hydrochloride, 5104
 injection, 5104
 Methylene
 blue, 2372, 5105
 blue injection, 5107
 blue injection, veterinary, 5107
 blue TS, 2418
 chloride, 2351, 2372, 7764
 5,5'-Methylenedisalicylic acid, 2372
 Methylergonovine maleate, 5108
 injection, 5109
 tablets, 5110
 3-O-Methylestrone, 2372
 Methyl methacrylate
 and methacrylic acid copolymer, 7759
 2-Methyl-5-nitroimidazole, 2372
N-Methyl-*N*-nitroso-*p*-toluenesulfonamide, 2372
 Methylparaben, 7765
 sodium, 7766
 4-Methylpentan-2-ol, 2372
 2-Methylpentane, 2372
 4-Methyl-2-pentanone, 2370, 2372
 Methylphenidate hydrochloride, 5111
 tablets, 5113
 extended-release tablets, 5113
 Methylprednisolone, 5117
 acetate, 5119
 acetate cream, 5119
 acetate injectable suspension, 5120
 acetate and neomycin sulfate cream, 5311
 hemisuccinate, 5121
 sodium succinate, 5122
 sodium succinate for injection, 5123
 tablets, 5118
 2-Methyl-2-propyl-1,3-propanediol, 2372
 Methyl *p*-toluenesulfonate, 2371
N-Methylpyrrolidine, 2372
 Methylpyrrolidone, 7767
 Methylsulfonylmethane, 7104
 and glucosamine tablets, 7017
 glucosamine, and chondroitin sulfate sodium tablets, 7019
 tablets, 7105
 Methyltestosterone, 5124
 capsules, 5125
 tablets, 5126
 Methylthionine perchlorate TS, 2418
 Methysergide maleate, 5126
 tablets, 5127
 Metoclopramide
 hydrochloride, 5128
 injection, 5129
 oral solution, 5130
 tablets, 5131
 Metolazone, 5132
 oral suspension, 5133
 tablets, 5134
 Metoprolol
 fumarate, 5135
 succinate, 5137
 succinate extended-release tablets, 5138
 tartrate, 5140
 tartrate and hydrochlorothiazide tablets, 5144
 tartrate injection, 5141
 tartrate oral solution, 5142
 tartrate oral suspension, 5142
 tartrate tablets, 5143
 Metrifonate, 5146
 Metronidazole, 5147
 benzoate, 5148
 capsules, 5149
 gel, 5151
 injection, 5152
 tablets, 5153
 extended-release tablets, 5154
 Metronidazole benzoate compounded oral suspension, 5149
 Metyrapone, 5156
 tablets, 5157
 Metyrosine, 5157
 capsules, 5158
 Mexiletine hydrochloride, 5159
 capsules, 5160
 Mezlocillin
 for injection, 5161
 sodium, 5160
 Mibolerone, 5162
 oral solution, 5162
 Miconazole, 5163
 injection, 5163
 nitrate, 5164
 nitrate cream, 5165
 nitrate topical powder, 5165
 nitrate vaginal suppositories, 5166
 Microbial characterization, identification, and strain typing (1113), 1419
 Microbial enumeration tests—nutritional and dietary supplements (2021), 2245
 Microbiological attributes of nonsterile nutritional and dietary supplements (2023), 2256
 Microbiological best laboratory practices (1117), 1443
 Microbiological control and monitoring of aseptic processing environments (1116), 1430
 Microbiological examination of nonsterile products: acceptance criteria for pharmaceutical preparations and substances for pharmaceutical use (1111), 1415
 Microbiological examination of nonsterile products: microbial enumeration tests (61), 117
 Microbiological examination of nonsterile products: tests for specified microorganisms (62), 123

Microbiological procedures for absence of specified microorganisms—nutritional and dietary supplements (2022), 2250
 Microscopy, optical (776), 645
 Midazolam, 5167
 injection, 5168
 Mid-infrared spectroscopy (854), 783
 Mid-infrared spectroscopy—theory and practice (1854), 2220
 Midodrine hydrochloride, 5169
 tablets, 5170
 Milk thistle, 7106
 capsules, 7110
 extract, powdered, 7109
 powdered, 7107
 tablets, 7112
 Millon's reagent, 2418
 Milrinone, 5172
 Mineral
 acid, 2372
 oil, 5173
 oil emulsion, 5174
 oil, light, 7768
 oil, rectal, 5174
 oil, topical light, 5174
 Minerals
 with calcium and vitamin D tablets, 6864
 capsules, 7113
 oil- and water-soluble vitamins with, capsules, 7336
 oil- and water-soluble vitamins with, oral solution, 7361
 oil- and water-soluble vitamins with, tablets, 7375
 tablets, 7121
 water-soluble vitamins with, capsules, 7423
 water-soluble vitamins with, oral solution, 7443
 water-soluble vitamins with, tablets, 7451
 Minimum fill (755), 628
 Minocycline
 hydrochloride, 5175
 hydrochloride capsules, 5176
 periodontal system, 5182
 hydrochloride oral suspension, 5177
 hydrochloride tablets, 5178
 hydrochloride extended-release tablets, 5178
 for injection, 5174
 Minoxidil, 5183
 topical solution, 5185
 tablets, 5184
 Mirtazapine, 5186
 tablets, 5188
 orally disintegrating tablets, 5189
 Misoprostol, 5191
 dispersion, 5192
 Mission
 and preface, vii
 statement, vii
 Mitomycin, 5193
 for injection, 5195
 Mitotane, 5196
 tablets, 5196
 Mitoxantrone
 hydrochloride, 5197
 injection, 5197
 Modafinil, 5198
 tablets, 5199
 Moexipril hydrochloride, 5201
 Moexipril hydrochloride
 and hydrochlorothiazide tablets, 5205
 tablets, 5203
 Moist heat sterilization of aqueous liquids (1229.2), 1815

Molindone hydrochloride, 5207
 tablets, 5208
 Molybdenum, 2372
 Molybdic acid, 2372
 Molybdo-phosphotungstate TS, 2418
 Mometasone furoate, 5209
 cream, 5210
 ointment, 5211
 topical solution, 5213
 Monensin, 5214
 granulated, 5215
 premix, 5216
 sodium, 5216
 Monitoring devices—time, temperature, and humidity (1118), 1449
 Monitoring of bioburden (1229.3), 1820
 Monobasic
 potassium phosphate, 2372, 7847
 sodium phosphate, 2372, 6201
 Monobenzene, 5217
 cream, 5218
 Monochloroacetic acid, 2372
 Mono- and di-glycerides, 7769
 Monoethanolamine, 2372, 7769
 Monoglyceride citrate, 7770
 Monograph and reference material donors
 2014 recognition, xxvi
 Monosodium glutamate, 2372, 7771
 Monothiolglycerol, 7772
 Montelukast
 sodium oral granules, 5220
 sodium tablets, 5222
 sodium chewable tablets, 5225
 Montelukast sodium, 5218
 Morantel tartrate, 5227
 Moricizine hydrochloride, 5228
 tablets, 5230
 Morin, 2372
 Morphine sulfate, 5231
 extended-release capsules, 5232
 injection, 5234
 suppositories, 5235
 Morpholine, 2372
 Morrhuate sodium injection, 5236
 Moxidectin, 5236
 Moxifloxacin
 hydrochloride, 5240
 ophthalmic solution, 5238
 Mucosal drug products—performance tests (1004), 829
 Mucosal drug products—product quality tests (4), 86
 Mupirocin, 5242
 calcium, 5243
 cream, 5244
 ointment, 5246
 nasal ointment, 5246
 Mycophenolate
 sodium, 5256
 Mycophenolate mofetil, 5247
 capsules, 5248
 for injection, 5250
 for oral suspension, 5251
 tablets, 5253
 Mycophenolic acid
 delayed-release tablets, 5257
 Mycoplasma tests (63), 130
 Myristic acid, 7772
 Myristyl alcohol, 7773
 Myristyltrimethylammonium bromide, 2372
 Myrrh, 5259
 topical solution, 5260

N

N 13 injection, ammonia, 5369
 Nabumetone, 5261
 tablets, 5262
 Nadolol, 5262
 and bendroflumethiazide tablets, 5265
 tablets, 5264
 Nafcillin
 injection, 5265
 for injection, 5266
 sodium, 5267
 sodium capsules, 5267
 sodium for oral solution, 5268
 sodium tablets, 5268
 Naftifine hydrochloride, 5268
 cream, 5269
 gel, 5269
 Nalidixic acid, 5270
 oral suspension, 5271
 tablets, 5271
 Nalorphine hydrochloride, 5272
 injection, 5273
 Naloxone
 hydrochloride, 5273
 hydrochloride injection, 5274
 and pentazocine tablets, 5629
 Naltrexone hydrochloride, 5275
 tablets, 5276
 Nandrolone
 decanoate, 5277
 decanoate injection, 5278
 phenpropionate, 5278
 phenpropionate injection, 5279
 Naphazoline hydrochloride, 5279
 nasal solution, 5281
 ophthalmic solution, 5281
 and pheniramine maleate ophthalmic solution, 5281
 Naphthalene, 2372
 1,3-Naphthalenediol, 2372
 2,7-Naphthalenediol, 2353, 2372
 2-Naphthalenesulfonic acid, 2372
 Naphthol
 dipotassium disulfonate, 2373
 disodium disulfonate, 2373
 1-Naphthol, 2330, 2373
 reagent, 2418
 TS, 2418
 2-Naphthol, 2337, 2373
 TS, 2413, 2418
p-Naphtholbenzein, 2373, 2408
 TS, 2418
 β -Naphthoquinone-4-sodium sulfonate, 2373
 Naphthoresorcinol, 2373
 1-Naphthylamine, 2373
 1-Naphthylamine hydrochloride, 2373
 2-Naphthyl chloroformate, 2373
N-(1-Naphthyl)ethylenediamine
 dihydrochloride, 2373
 TS, 2418
 Naproxen, 5283
 sodium, 5286
 sodium tablets, 5287
 oral suspension, 5283
 tablets, 5284
 delayed-release tablets, 5285
 Narasin
 granular, 5288
 premix, 5290
 Naratriptan
 hydrochloride, 5291
 hydrochloride oral suspension, 5293

Naratriptan (*continued*)
tablets, 5290

Nasal solution

Butorphanol tartrate, 3101
Calcitonin salmon, 3119
Cromolyn sodium, 3589
Ephedrine sulfate, 3998
Epinephrine, 4001
Flunisolide, 4235
Naphazoline hydrochloride, 5281
Oxymetazoline hydrochloride, 5523
Phenylephrine hydrochloride, 5684
Tetrahydrozoline hydrochloride, 6412
Xylometazoline hydrochloride, 6726

Nasal spray

Butorphanol tartrate, 3102
Desmopressin acetate, 3662
Fluticasone propionate, 4298

Natamycin, 5293
ophthalmic suspension, 5294
Nateglinide, 5295
tablets, 5297
Near-infrared spectroscopy (1119), 1455
Nefazodone hydrochloride, 5297
tablets, 5299
Neomycin
boluses, 5300
and colistin sulfates and hydrocortisone
acetate otic suspension, 3558
for injection, 5300
penicillin G, polymyxin B, hydrocortisone
acetate, and hydrocortisone sodium
succinate topical suspension, 5597
and polymyxin B sulfates, bacitracin, and
hydrocortisone acetate ointment, 5314
and polymyxin B sulfates, bacitracin, and
hydrocortisone acetate ophthalmic
ointment, 5314
and polymyxin B sulfates, bacitracin, and
lidocaine ointment, 5315
and polymyxin B sulfates and bacitracin
ointment, 5313
and polymyxin B sulfates and bacitracin
ophthalmic ointment, 5313
and polymyxin B sulfates, bacitracin zinc,
and hydrocortisone ointment, 5316
and polymyxin B sulfates, bacitracin zinc,
and hydrocortisone ophthalmic
ointment, 5317
and polymyxin B sulfates, bacitracin zinc,
and hydrocortisone acetate ophthalmic
ointment, 5317
and polymyxin B sulfates, bacitracin zinc,
and lidocaine ointment, 5318
and polymyxin B sulfates and bacitracin
zinc ointment, 5315
and polymyxin B sulfates and bacitracin
zinc ophthalmic ointment, 5316
and polymyxin B sulfates cream, 5312
and polymyxin B sulfates and
dexamethasone ophthalmic ointment,
5319

and polymyxin B sulfates and
dexamethasone ophthalmic suspension,
5319
and polymyxin B sulfates and gramicidin
cream, 5320
and polymyxin B sulfates, gramicidin, and
hydrocortisone acetate cream, 5321
and polymyxin B sulfates and gramicidin
ophthalmic solution, 5320
and polymyxin B sulfates and
hydrocortisone ophthalmic suspension,
5322
and polymyxin B sulfates and
hydrocortisone otic solution, 5321
and polymyxin B sulfates and
hydrocortisone otic suspension, 5322
and polymyxin B sulfates and
hydrocortisone acetate cream, 5323
and polymyxin B sulfates and
hydrocortisone acetate ophthalmic
suspension, 5323
and polymyxin B sulfates and lidocaine
cream, 5323
and polymyxin B sulfates ophthalmic
ointment, 5312
and polymyxin B sulfates ophthalmic
solution, 5313
and polymyxin B sulfates, penicillin G
procaine, and hydrocortisone acetate
topical suspension, 5614
and polymyxin B sulfates and pramoxine
hydrochloride cream, 5324
and polymyxin B sulfates and prednisolone
acetate ophthalmic suspension, 5324
and polymyxin B sulfates solution for
irrigation, 5312
sulfate, 5301
sulfate and bacitracin ointment, 5302
sulfate and bacitracin zinc ointment, 5303
sulfate cream, 5301
sulfate and dexamethasone sodium
phosphate cream, 5303
sulfate and dexamethasone sodium
phosphate ophthalmic ointment, 5303
sulfate and dexamethasone sodium
phosphate ophthalmic solution, 5304
sulfate and fluocinolone acetonide cream,
5305
sulfate and fluorometholone ointment,
5305
sulfate and flurandrenolide cream, 5305
sulfate and flurandrenolide lotion, 5306
sulfate and flurandrenolide ointment, 5306
sulfate and gramicidin ointment, 5306
sulfate and hydrocortisone cream, 5307
sulfate and hydrocortisone ointment, 5307
sulfate and hydrocortisone otic suspension,
5307
sulfate and hydrocortisone acetate cream,
5308
sulfate and hydrocortisone acetate lotion,
5308
sulfate and hydrocortisone acetate
ointment, 5308
sulfate and hydrocortisone acetate
ophthalmic suspension, 5308
sulfate, isoflupredone acetate, and
tetracaine hydrochloride ointment, 5309
sulfate, isoflupredone acetate, and
tetracaine hydrochloride topical powder,
5310
sulfate and methylprednisolone acetate
cream, 5311
sulfate, nystatin, gramicidin, and
triamcinolone acetonide cream, 5404
sulfate, nystatin, gramicidin, and
triamcinolone acetonide ointment, 5404
sulfate, nystatin, thiostrepton, and
triamcinolone acetonide cream, 5405
sulfate, nystatin, thiostrepton, and
triamcinolone acetonide ointment, 5406
sulfate ointment, 5301
sulfate ophthalmic ointment, 5301
sulfate and prednisolone acetate
ophthalmic suspension, 5326
sulfate oral solution, 5302
sulfate tablets, 5302
sulfate and triamcinolone acetonide cream,
5326
Neostigmine
bromide, 5326
bromide tablets, 5327
methylsulfate, 5327
methylsulfate injection, 5328
Neotame, 7775
Nephelometry, turbidimetry, and visual
comparison (855), 787
Nessler's reagent, 2418
Netilmicin sulfate, 5328
injection, 5329
Neutralized
alcohol, 2373
phthalate buffer, 2340
Neutral red, 2408
TS, 2418
Nevirapine, 5329
oral suspension, 5331
tablets, 5333
New sterilization methods (1229.12), 1848
Niacin, 5334
extended-release tablets, 5337
injection, 5335
or niacinamide assay (441), 361
tablets, 5336
Niacinamide, 5339
injection, 5340
or niacin assay (441), 361
tablets, 5340
Nicardipine hydrochloride, 5341
injection, 5342
Nickel-aluminum catalyst, 2373
Nickel, 2373
standard solution TS, 2418
sulfate, 2373
(II) sulfate heptahydrate, 2373
Nickel nitrate hexahydrate, 2373
 β -Nicotinamide adenine dinucleotide, 2373
Nicotinamide adenine dinucleotide
phosphate-adenosine-5'-triphosphate
mixture, 2373
Nicotine, 5344
polacrilex, 5347
polacrilex gum, 5350
transdermal system, 5345
Nicotinic acid, 2373
Nifedipine, 5351
capsules, 5352
extended-release tablets, 5354
Nile blue hydrochloride, 2408
Nimodipine, 5359
Ninhydrin, 2373
TS, 2418
Nitrate
mercurous, dihydrate, 2369
mercurous, TS, 2418
ophthalmic solution, silver, 6160
in reagents, 2327
silver, 2389, 6159
silver, TS, 2420
tenth-normal (0.1 N), silver, 2420, 2432

Nitrate (*continued*)
 toughened silver, 6160

Nitric
 acid, 2373, 7776
 acid, diluted, 2353, 2373
 acid, fuming, 2361, 2373
 acid, lead-free, 2373
 oxide–nitrogen dioxide detector tube, 2374

Nitric acid
 0.01 N TS, 2418
 0.2 N TS, 2418
 1 N TS, 2418
 2 N TS, 2418

Nitrioltriacetic acid, 2374

Nitrite titration (451), 366

4'-Nitroacetophenone, 2374

o-Nitroaniline, 2374

p-Nitroaniline, 2374
 TS, 2418

Nitrobenzene, 2374

p-Nitrobenzenediazonium tetrafluoroborate, 2374

4-Nitrobenzoic acid, 2374

p-Nitrobenzyl bromide, 2374

4-(p-Nitrobenzyl) pyridine, 2374

Nitrofurantoin, 5360
 capsules, 5362
 oral suspension, 5365
 tablets, 5366

Nitrofurazone, 5367
 ointment, 5368
 topical solution, 5369

Nitrogen, 7777
 97 percent, 7777
 certified standard, 2374
 compounds in reagents, 2327
 determination (461), 366
 N 13 injection, ammonia, 5369

Nitroglycerin
 diluted, 5370
 injection, 5371
 ointment, 5371
 sublingual tablets, 5372

Nitromersol, 5373
 topical solution, 5373

Nitromethane, 2374

5-Nitro-1,10-phenanthroline, 2374

Nitrophenanthroline TS, 2418

1-Nitroso-2-naphthol, 2374

Nitroso R salt, 2374

Nitrous
 oxide, 5374
 oxide certified standard, 2374

Nizatidine, 5375
 capsules, 5376

Nomenclature (1121), 1469

Nonadecane, 2374

Nonanoic acid, 2375

Nonionic wetting agent, 2375

Nonoxynol 9, 2375, 5377

1-Nonyl alcohol, 2375

n-Nonylamine, 2375

Nonylphenol polyoxyethylene ether, 2375

Nonylphenoxypoly(ethyleneoxy)ethanol, 2375

Norelgestromin, 5379

Norepinephrine bitartrate, 5380
 injection, 5381
 and propoxycaine and procaine hydrochlorides injection, 5890

Norethindrone, 5382
 acetate, 5386
 acetate and estradiol tablets, 4071
 acetate and ethinyl estradiol tablets, 5387

acetate tablets, 5387
 and ethinyl estradiol tablets, 5384
 and mestranol tablets, 5385
 tablets, 5382

Norfloracin, 5388
 ophthalmic solution, 5390
 tablets, 5390

Norgestimate, 5391
 and ethinyl estradiol tablets, 5393

Norgestrel, 5395
 and ethinyl estradiol tablets, 5396
 tablets, 5395

Normal
 butyl acetate, 2340
 butyl alcohol, 2341
 butylamine, 2375

Northern schisandra fruit, 7184
 dry extract, 7185
 powder, 7187

Nortriptyline hydrochloride, 5397
 capsules, 5398
 oral solution, 5398

Noscapine, 5399

Novobiocin
 sodium, 5400
 sodium intramammary infusion, 5400
 sodium and penicillin G procaine intramammary infusion, 5615
 sodium, tetracycline hydrochloride, and prednisolone tablets, 6409
 sodium and tetracycline hydrochloride tablets, 6409

Nuclear magnetic resonance spectroscopy (761), 629

Nucleic acid-based techniques
 amplification (1127), 1487
 approaches for detecting trace nucleic acids (residual DNA testing) (1130), 1507
 extraction, detection, and sequencing (1126), 1477
 general (1125), 1471
 genotyping (1129), 1503
 microarray (1128), 1497

Nystatin, 5400
 cream, 5401
 lotion, 5402
 lozenges, 5402
 neomycin sulfate, gramicidin, and triamcinolone acetate cream, 5404
 neomycin sulfate, gramicidin, and triamcinolone acetate ointment, 5404
 neomycin sulfate, thiostrepton, and triamcinolone acetate cream, 5405
 neomycin sulfate, thiostrepton, and triamcinolone acetate ointment, 5406
 ointment, 5402
 and oxytetracycline capsules, 5533
 and oxytetracycline for oral suspension, 5534
 topical powder, 5402
 oral suspension, 5403
 for oral suspension, 5403
 tablets, 5403
 and tetracycline hydrochloride capsules, 6410
 and triamcinolone acetate cream, 5407
 and triamcinolone acetate ointment, 5407
 vaginal inserts, 5404
 vaginal suppositories, 5402

O

n-Octadecane, 2375

Octadecyl silane, 2375

Octanesulfonic acid sodium salt, 2375, 2393

1-Octanol, 2375

Octanophenone, 2375

Octinoxate, 5408

Octisalate, 5408

Octocrylene, 5409

Octoxynol 9, 2375, 7778

Octreotide acetate, 5410

Octyldodecanol, 7780

(p-tert-Octylphenoxy)nonaethoxyethanol, 2357, 2375

(p-tert-Octylphenoxy)polyethoxyethanol, 2375

Octyl sulfate, sodium salt, 2375

Odorless absorbent paper, 2375

Officers (2015–2020), xi

Ofloxacin, 5411
 ophthalmic solution, 5413
 tablets, 5413

Oil

Almond, 7507

Anise, 7521

Borage seed, 6850

Borage seed, capsules, 6851

Canola, 7559

Caraway, 7563

Cardamom, 7584

Castor, 3233

Castor, aromatic, 3235

Castor, capsules, 3234

Castor, emulsion, 3235

Castor, hydrogenated, 7586

Cedar, 2345

Clove, 7608

Coconut, 7610

Coconut, hydrogenated, 7610

Cod liver, 3543

Cod liver, capsules, 6908

Coriander, 7613

Corn, 7614

Cottonseed, 7623

Cottonseed, hydrogenated, 7623

Cryptocodinium cohnii, 6912

Cryptocodinium cohnii, capsules, 6914

Ethiodized injection, 4102

Evening primrose, 6951

Evening primrose, capsules, 6952

Fats and fixed oils (401), 332

Fennel, 7665

Flax seed, 6969

Flax seed, capsules, 6969

Krill, capsules, 7066

Krill delayed-release capsules, 7069

Lemon, 7732

Mineral, 5173

Mineral emulsion, 5174

Mineral, light, 7768

Mineral, rectal, 5174

Mineral, topical light, 5174

Olive, 7786

Orange, 7789

Palm, 7791

Palm, hydrogenated, 7791

Palm kernel, 7792

Peanut, 7795

Peppermint, 7796

Oil (continued)

Polyoxyl 35 castor, 7829
 Polyoxyl 40 hydrogenated castor, 7829
 Propylidone injectable suspension, 5899
 Fully hydrogenated rapeseed, 7863
 Superglycerinated fully hydrogenated rapeseed, 7864
 Rose, 7866
 Safflower, 6091
 Schizochytrium, 7189
 Schizochytrium, capsules, 7191
 Sesame, 7868
 Soybean, 6217
 Soybean, hydrogenated, 7903
 Sunflower, 7947
 Vegetable, hydrogenated, 7961
 Vitamins capsules, oil- and water-soluble, 7290
 Vitamins capsules, oil-soluble, 7248
 Vitamins with minerals capsules, oil- and water-soluble, 7336
 Vitamins with minerals oral solution, oil- and water-soluble, 7361
 Vitamins with minerals tablets, oil- and water-soluble, 7375
 Vitamins oral solution, oil- and water-soluble, 7309
 Vitamins tablets, oil- and water-soluble, 7318
 Vitamins tablets, oil-soluble, 7258

Oil-soluble vitamins
 capsules, 7248
 tablets, 7258

Oil- and water-soluble vitamins
 capsules, 7290
 with minerals capsules, 7336
 with minerals oral solution, 7361
 with minerals tablets, 7375
 oral solution, 7309
 tablets, 7318

Ointment

Acyclovir, 2593
 Alclometasone dipropionate, 2614
 Amcinonide, 2709
 Amphotericin B, 2800
 Anthralin, 2828
 Atropine sulfate ophthalmic, 2907
 Bacitracin ophthalmic, 2938
 Bacitracin zinc, 2941
 Bacitracin zinc and polymyxin B sulfate, 2942
 Bacitracin zinc and polymyxin B sulfate ophthalmic, 2943
 Benzocaine, 2975
 Benzocaine, butamben, and tetracaine hydrochloride, 2980
 Benzoic and salicylic acids, 2984
 Betamethasone dipropionate, 3007
 Betamethasone valerate, 3014
 Bland lubricating ophthalmic, 5449
 Calcipotriene, 3114
 Chloramphenicol and polymyxin B sulfate ophthalmic, 3352
 Chloramphenicol ophthalmic, 3349
 Chlortetracycline hydrochloride, 3397
 Chlortetracycline hydrochloride ophthalmic, 3397
 Ciprofloxacin ophthalmic, 3431

Clioquinol, 3487
 Clioquinol and hydrocortisone, 3489
 Clobetasol propionate, 3492
 Coal tar, 3538
 Desoximetasone, 3667
 Dexamethasone sodium phosphate ophthalmic, 3681
 Dibucaine, 3724
 Diflorasone diacetate, 3759
 Erythromycin, 4033
 Erythromycin ophthalmic, 4034
 Fluocinolone acetonide, 4241
 Fluocinonide, 4244
 Flurandrenolide, 4277
 Fluticasone propionate, 4301
 Gentamicin and prednisolone acetate ophthalmic, 4397
 Gentamicin sulfate, 4392
 Gentamicin sulfate and betamethasone valerate, 4394
 Gentamicin sulfate ophthalmic, 4393
 Halcinonide, 4465
 Hydrocortisone, 4508
 Hydrocortisone acetate, 4513
 Hydrocortisone acetate ophthalmic, 4513
 Hydrocortisone valerate, 4522
 Hydrophilic, 5415
 Ichthammol, 4563
 Idoxuridine ophthalmic, 4566
 Lidocaine, 4846
 Methylbenzethonium chloride, 5096
 Mometasone furoate, 5211
 Mupirocin, 5246
 Mupirocin nasal, 5246
 Neomycin and polymyxin B sulfates and bacitracin, 5313
 Neomycin and polymyxin B sulfates, bacitracin, and hydrocortisone acetate, 5314
 Neomycin and polymyxin B sulfates, bacitracin, and hydrocortisone acetate ophthalmic, 5314
 Neomycin and polymyxin B sulfates, bacitracin, and lidocaine, 5315
 Neomycin and polymyxin B sulfates and bacitracin ophthalmic, 5313
 Neomycin and polymyxin B sulfates and bacitracin zinc, 5315
 Neomycin and polymyxin B sulfates, bacitracin zinc, and hydrocortisone, 5316
 Neomycin and polymyxin B sulfates, bacitracin zinc, and hydrocortisone acetate ophthalmic, 5317
 Neomycin and polymyxin B sulfates, bacitracin zinc, and hydrocortisone ophthalmic, 5317
 Neomycin and polymyxin B sulfates, bacitracin zinc, and lidocaine, 5318
 Neomycin and polymyxin B sulfates and bacitracin zinc ophthalmic, 5316
 Neomycin and polymyxin B sulfates and dexamethasone ophthalmic, 5319
 Neomycin and polymyxin B sulfates ophthalmic, 5312
 Neomycin sulfate, 5301
 Neomycin sulfate and bacitracin, 5302
 Neomycin sulfate and bacitracin zinc, 5303
 Neomycin sulfate and dexamethasone sodium phosphate ophthalmic, 5303
 Neomycin sulfate and fluorometholone, 5305
 Neomycin sulfate and flurandrenolide, 5306
 Neomycin sulfate and gramicidin, 5306

Neomycin sulfate and hydrocortisone, 5307
 Neomycin sulfate and hydrocortisone acetate, 5308
 Neomycin sulfate, isoflupredone acetate, and tetracaine hydrochloride, 5309
 Neomycin sulfate ophthalmic, 5301
 Nitrofurazone, 5368
 Nitroglycerin, 5371
 Nystatin, 5402
 Nystatin, neomycin sulfate, gramicidin, and triamcinolone acetonide, 5404
 Nystatin, neomycin sulfate, thiostrepton, and triamcinolone acetonide, 5406
 Nystatin and triamcinolone acetonide, 5407
 Oxytetracycline hydrochloride and hydrocortisone, 5537
 Oxytetracycline hydrochloride and polymyxin B sulfate, 5538
 Oxytetracycline hydrochloride and polymyxin B sulfate ophthalmic, 5538
 Polyethylene glycol, 7815
 Povidone-iodine, 5793
 Prednicarbate, 5810
 Resorcinol ointment, compound, 5994
 Rose water, 6079
 Sodium chloride ophthalmic, 6184
 Sulfacetamide sodium ophthalmic, 6250
 Sulfacetamide sodium and prednisolone acetate ophthalmic, 6252
 Sulfur, 6282
 Tetracaine, 6391
 Tetracaine and menthol, 6392
 Tetracycline hydrochloride, 6404
 Tetracycline hydrochloride ophthalmic, 6405
 Tobramycin and dexamethasone ophthalmic, 6500
 Tobramycin ophthalmic, 6495
 Triamcinolone acetonide, 6560
 Undecylenic acid, compound, 6626
 White, 5415
 Yellow, 5415
 Zinc oxide, 6754

Olanzapine, 5415
 and fluoxetine capsules, 5418
 tablets, 5416
 Olanzapine orally disintegrating tablets, 5420
 Olefin detector tube, 2375
 Oleic acid, 7782
 Oleoresin, capsicum, 3170
 Oleovitamin A and D, 5422
 capsules, 5423
 Oleoyl polyoxylglycerides, 7783
 Oleyl
 alcohol, 7784
 oleate, 7785
 Oligo-deoxythymidine, 2375
 Oligosaccharide analysis (212), 273
 Olive oil, 7786
 Olmesartan medoxomil, 5423
 Olopatadine hydrochloride ophthalmic solution, 5426
 Omega-3
 acids triglycerides, 7128
 ethyl esters capsules, 5430
 ethyl esters, 5428
 Omeprazole, 5433
 delayed-release capsules, 5435
 magnesium, 5438

Omeprazole (*continued*)
 oral suspension, 5437
 Ondansetron, 5439
 hydrochloride, 5441
 hydrochloride oral suspension, 5442
 injection, 5443
 oral solution, 5444
 tablets, 5445
 orally disintegrating tablets, 5448

Ophthalmic ointment

Atropine sulfate, 2907
 Bacitracin, 2938
 Bacitracin zinc and polymyxin B sulfate, 2943
 Bland lubricating, 5449
 Chloramphenicol, 3349
 Chloramphenicol and polymyxin B sulfate, 3352
 Chlortetracycline hydrochloride, 3397
 Ciprofloxacin, 3431
 Dexamethasone sodium phosphate, 3681
 Erythromycin, 4034
 Gentamicin and prednisolone acetate, 4397
 Gentamicin sulfate, 4393
 Hydrocortisone acetate, 4513
 Idoxuridine, 4566
 Neomycin and polymyxin B sulfates, 5312
 Neomycin and polymyxin B sulfates and bacitracin, 5313
 Neomycin and polymyxin B sulfates, bacitracin, and hydrocortisone acetate, 5314
 Neomycin and polymyxin B sulfates and bacitracin zinc, 5316
 Neomycin and polymyxin B sulfates, bacitracin zinc, and hydrocortisone, 5317
 Neomycin and polymyxin B sulfates, bacitracin zinc, and hydrocortisone acetate, 5317
 Neomycin and polymyxin B sulfates and dexamethasone, 5319
 Neomycin sulfate, 5301
 Neomycin sulfate and dexamethasone sodium phosphate, 5303
 Oxytetracycline hydrochloride and polymyxin B sulfate, 5538
 Sodium chloride, 6184
 Sulfacetamide sodium, 6250
 Sulfacetamide sodium and prednisolone acetate, 6252
 Tetracycline hydrochloride, 6405
 Tobramycin, 6495
 Tobramycin and dexamethasone, 6500

Ophthalmic products—performance tests
 (771), 2135
 Ophthalmic products—quality tests (771), 639

Ophthalmic solution

Acetylcholine chloride for, 2585
 Apraclonidine, 2844
 Atropine sulfate, 2908
 Benoxinate hydrochloride, 2965

Betaxolol, 3016
 Carbachol, 3178
 Carteolol hydrochloride, 3222
 Cefazolin, 3252
 Chloramphenicol, 3350
 Chloramphenicol for, 3350
 Chymotrypsin for, 3409
 Ciprofloxacin, 3431
 Cromolyn sodium, 3590
 Cyclopentolate hydrochloride, 3606
 Cyclosporine compounded, veterinary, 3617
 Demecarium bromide, 3644
 Dexamethasone sodium phosphate, 3682
 Dipivefrin hydrochloride, 3819
 Dorzolamide hydrochloride, 3868
 Dorzolamide hydrochloride and timolol maleate, 3869
 Echothiophate iodide for, 3936
 Emedastine, 3966
 Epinephrine, 4001
 Epinephrine bitartrate, 4003
 Epinephrine bitartrate for, 4004
 Epinephryl borate, 4004
 Fluorescein sodium and benoxinate hydrochloride, 4248
 Fluorescein sodium and proparacaine hydrochloride, 4249
 Flurbiprofen sodium, 4282
 Gentamicin sulfate, 4393
 Gentamicin sulfate and betamethasone acetate, 4393
 Glycerin, 4423
 Homatropine hydrobromide, 4488
 Hydroxyamphetamine hydrobromide, 4534
 Hypromellose, 4554
 Idoxuridine, 4567
 Levobunolol hydrochloride, 4820
 Methylcellulose, 5099
 Moxifloxacin, 5238
 Naphazoline hydrochloride, 5281
 Naphazoline hydrochloride and pheniramine maleate, 5281
 Neomycin and polymyxin B sulfates, 5313
 Neomycin and polymyxin B sulfates and gramicidin, 5320
 Neomycin sulfate and dexamethasone sodium phosphate, 5304
 Norfloxacin, 5390
 Ofloxacin, 5413
 Opatadine hydrochloride, 5426
 Oxymetazoline hydrochloride, 5524
 Phenylephrine hydrochloride, 5684
 Physostigmine salicylate, 5700
 Pilocarpine hydrochloride, 5706
 Pilocarpine nitrate, 5708
 Polymyxin B sulfate and trimethoprim, 5754
 Prednisolone sodium phosphate, 5820
 Proparacaine hydrochloride, 5885
 Scopolamine hydrobromide, 6128
 Silver nitrate, 6160
 Sodium chloride, 6185
 Sulfacetamide sodium, 6251
 Suprofen, 6295
 Tetracaine hydrochloride, 6396
 Tetrahydrozoline hydrochloride, 6412
 Timolol maleate, 6480
 Tobramycin, 6499
 Travoprost, 6548
 Tropicamide, 6612
 Voriconazole compounded, veterinary, 6710

Zinc sulfate, 6757

Ophthalmic suspension

Brinzolamide, 3051
 Chloramphenicol and hydrocortisone acetate for, 3352
 Dexamethasone, 3673
 Fluorometholone, 4254
 Gentamicin and prednisolone acetate, 4397
 Hydrocortisone acetate, 4514
 Natamycin, 5294
 Neomycin and polymyxin B sulfates and dexamethasone, 5319
 Neomycin and polymyxin B sulfates and hydrocortisone, 5322
 Neomycin and polymyxin B sulfates and hydrocortisone acetate, 5323
 Neomycin and polymyxin B sulfates and prednisolone acetate, 5324
 Neomycin sulfate and hydrocortisone acetate, 5308
 Neomycin sulfate and prednisolone acetate, 5326
 Oxytetracycline hydrochloride and hydrocortisone acetate, 5537
 Prednisolone acetate, 5815
 Rimexolone, 6019
 Sulfacetamide sodium and prednisolone acetate, 6253
 Tetracycline hydrochloride, 6407
 Tobramycin and dexamethasone, 6501
 Tobramycin and fluorometholone acetate, 6503

Opium, 5449
 powdered, 5450
 tincture, 5450
 Optical
 microscopy (776), 645
 rotation (781), 648
 Oracet blue B, 2408
 TS, 2418
 Oral drug products—product quality tests (2), 74
 Orally inhaled and nasal drug products (1664.1), 2048

Oral powder

Containing at least three of the following—acetaminophen and (salts of) chlorpheniramine, dextromethorphan, and pseudoephedrine, 2555
 Levothyroxine sodium, 4842
 Sodium bicarbonate, 6178

Oral solution

Abacavir, 2527
 Acacia syrup, 7495
 Acetaminophen, 2545

Oral solution (continued)

Containing at least three of the following—acetaminophen and (salts of) chlorpheniramine, dextromethorphan, and pseudoephedrine, 2557

Acetaminophen and codeine phosphate, 2564

Acetaminophen, dextromethorphan hydrobromide, doxylamine succinate, and pseudoephedrine hydrochloride, 2567

Acetaminophen for effervescent, 2545

Amantadine hydrochloride, 2707

Aminobenzoate potassium for, 2723

Aminocaproic acid, 2728

Aminophylline, 2739

Amprolium, 2815

Aromatic elixir, 7521

Ascorbic acid, 2867

Aspirin effervescent tablets for, 2876

Atenolol, 2888

Beclomethasone dipropionate compounded, 2956

Benzaldehyde elixir, compound, 7530

Betamethasone, 3000

Bethanechol chloride, 3020

Bromodiphenhydramine hydrochloride, 3056

Bromodiphenhydramine hydrochloride and codeine phosphate, 3057

Brompheniramine maleate, 3059

Brompheniramine maleate and pseudoephedrine sulfate, 3060

Butabarbital sodium, 3087

Caffeine citrate, 3108

Calcium glubionate syrup, 3136

Captopril, 3174

C 13 for, urea, 3200

Cetirizine hydrochloride, 3333

Cherry syrup, 7600

Chloral hydrate, 3346

Chloramphenicol, 3351

Chlorpheniramine maleate, 3388

Chlorpheniramine maleate and pseudoephedrine hydrochloride, 3390

Chlorpromazine hydrochloride syrup, 3393

Chocolate syrup, 7607

Citalopram, 3448

Clindamycin hydrochloride, 3479

Clindamycin palmitate hydrochloride for, 3480

Cloxacillin sodium for, 3535

Cyanocobalamin Co 57, 3539

Codeine phosphate, 3547

Codeine sulfate, 3550

Cyclosporine, 3616

Cyproheptadine hydrochloride, 3619

Dexamethasone, 3674

Dexamethasone elixir, 3671

Dexbrompheniramine maleate and pseudoephedrine sulfate, 3684

Dexchlorpheniramine maleate, 3687

Dextromethorphan hydrobromide, 3707

Dicyclomine hydrochloride, 3744

Didanosine for, 3749

Digoxin, 3768

Dihydrotachysterol, 3774

Diltiazem hydrochloride, 3784

Dimenhydrinate, 3789

Diphenhydramine hydrochloride, 3806

Diphenoxylate hydrochloride and atropine sulfate, 3815

Docusate sodium syrup, 3854

Dolasetron mesylate, 3858

Doxepin hydrochloride, 3879

Doxylamine succinate, 3906

Dyphylline, 3930

Dyphylline and guaifenesin, 3931

Ephedrine sulfate, 3998

Ergocalciferol, 4014

Ergoloid mesylates, 4017

Escitalopram, 4050

Ethosuximide, 4106

Ferric ammonium citrate for, 2777

Ferrous gluconate, 4174

Ferrous sulfate, 4177

Ferrous sulfate syrup, 4177

Fluoxetine, 4262

Fluphenazine hydrochloride, 4273

Fluphenazine hydrochloride elixir, 4271

Furosemide, 4349

Galantamine, 4372

Glycerin, 4423

Guaifenesin, 4452

Guaifenesin and codeine phosphate, 4453

Haloperidol, 4470

Hydralazine hydrochloride, 4494

Hydromorphone hydrochloride, 4528

Hydroxyzine hydrochloride, 4541

Hyoscyamine sulfate, 4551

Hyoscyamine sulfate elixir, 4550

Ipecac, 4669

Isoniazid, 4694

Isosorbide, 4707

Lamivudine, 4766

Levetiracetam, 4809

Levocarnitine, 4823

Levofloxacin, 4833

Lincomycin, 4856

Lithium, 4870

Loperamide hydrochloride, 4881

Lopinavir and ritonavir, 4886

Loratadine, 4897

Magnesium carbonate, citric acid, and potassium citrate for, 4937

Magnesium carbonate and citric acid for, 4936

Manganese chloride for, 4958

Magnesium citrate, 4940

Magnesium citrate for, 4941

Meperidine hydrochloride, 5009

Mesoridazine besylate, 5036

Metaproterenol sulfate, 5042

Methadone hydrochloride, 5062

Methdilazine hydrochloride, 5068

Methenamine, 5070

Methenamine mandelate for, 5073

Methylcellulose, 5099

Metoclopramide, 5130

Metoprolol tartrate, 5142

Mibolerone, 5162

Nafcillin sodium for, 5268

Neomycin sulfate, 5302

Nortriptyline hydrochloride, 5398

Ondansetron, 5444

Orange syrup, 7790

Oxacillin sodium for, 5472

Oxtriphylline, 5500

Oxybutynin chloride, 5504

Oxycodone hydrochloride, 5512

Paromomycin, 5578

Penicillin G potassium for, 5605

Penicillin V potassium for, 5622

Perphenazine, 5651

Phenobarbital, 5664

Piperazine citrate syrup, 5737

Polyethylene glycol 3350 and electrolytes for, 5748

Potassium bicarbonate effervescent tablets for, 5758

Potassium bicarbonate and potassium chloride for effervescent, 5758

Potassium bicarbonate and potassium chloride effervescent tablets for, 5759

Potassium bicarbonate, potassium chloride, and potassium citrate effervescent tablets for, 5769

Potassium bromide, veterinary, 5762

Potassium chloride, 5765

Potassium chloride for, 5765

Potassium citrate and citric acid, 5776

Potassium gluconate, 5778

Potassium gluconate and potassium chloride, 5780

Potassium gluconate and potassium chloride for, 5780

Potassium gluconate and potassium citrate, 5781

Potassium gluconate, potassium citrate, and ammonium chloride, 5781

Potassium iodide, 5783

Potassium and sodium bicarbonates and citric acid effervescent tablets for, 5759

Prednisolone, 5813

Prednisolone sodium phosphate compounded, 5818

Prednisone, 5823

Prochlorperazine, 5846

Promazine hydrochloride, 5861

Promazine hydrochloride syrup, 5862

Promethazine and phenylephrine hydrochloride, 5869

Promethazine and phenylephrine hydrochloride and codeine phosphate, 5872

Promethazine hydrochloride, 5865

Pseudoephedrine hydrochloride, 5907

Pseudoephedrine hydrochloride, carbinoxamine maleate, and dextromethorphan hydrobromide, 5910

Pyridostigmine bromide, 5923

Ranitidine, 5976

Reserpine, 5988

Risperidone, 6038

Ritonavir, 6050

Saccharin sodium, 6090

Senna, 6143

Sertraline hydrochloride, 6149

Sodium bromide, veterinary, 6180

Sodium citrate and citric acid, 6186

Sodium fluoride, 6189

Sodium phosphates, 6202

Stavudine for, 6231

Sulfaquinolaxaline, 6275

Syrup, 7949

Terpin hydrate, 6383

Terpin hydrate and codeine, 6383

Theophylline, 6420

Theophylline and guaifenesin, 6426

Theophylline sodium glycinate, 6427

Thiamine hydrochloride, 6431

Thiamine mononitrate, 6434

Thioridazine hydrochloride, 6447

Thiothixene hydrochloride, 6454

Tolu balsam syrup, 7952

Triamcinolone diacetate, 6566

Tricitrates, 6577

Trifluoperazine, 6584

Trihexyphenidyl hydrochloride, 6591

Trikates, 6593

Trimeprazine, 6594

Triprolidine hydrochloride, 6604

Triprolidine and pseudoephedrine hydrochlorides, 6606

Valproic acid, 6646

Oral solution (continued)

Vancomycin hydrochloride for, 6660
 Vehicle for, 7788
 Vehicle for, sugar free, 7788
 Verapamil hydrochloride, 6677
 Vigabatrin for, 6687
 Vitamins with minerals, oil-soluble, 7275
 Vitamins with minerals, oil- and water-soluble, 7361
 Vitamins with minerals, water-soluble, 7443
 Vitamins, oil-soluble, 7255
 Vitamins, oil- and water-soluble, 7309
 Zidovudine, 6741
 Zinc acetate, 6747
 Zinc sulfate, 6757

Oral suspension

Acetaminophen, 2547
 Acetaminophen and codeine phosphate, 2565
 Acetazolamide, 2579
 Acyclovir, 2594
 Albendazole, 2604
 Allopurinol, 2634
 Alprazolam, 2642
 Alumina and magnesia, 2660
 Alumina, magnesia, and calcium carbonate, 2662
 Alumina, magnesia, and simethicone, 2666
 Alumina and magnesium carbonate, 2669
 Alumina and magnesium trisilicate, 2672
 Amiodarone hydrochloride, 2755
 Amlodipine, 2760
 Amoxicillin, 2788
 Amoxicillin and clavulanate potassium for, 2791
 Amoxicillin for, 2789
 Amoxicillin tablets for, 2790
 Ampicillin for, 2809
 Ampicillin and probenecid for, 2811
 Atenolol compounded, 2889
 Atenolol compounded, veterinary, 2889
 Atovaquone, 2900
 Azathioprine, 2916
 Azithromycin for, 2928
 Baclofen, 2944
 Benazepril hydrochloride compounded, veterinary, 2963
 Bethanechol chloride, 3021
 Bismuth subsalicylate, 3040
 Calcium carbonate, 3128
 Calcium and magnesium carbonates, 3133
 Captopril, 3175
 Carbamazepine, 3181
 Cefaclor for, 3238
 Cefadroxil for, 3244
 Cefdinir for, 3258
 Cefixime for, 3266
 Cefpodoxime proxetil for, 3293
 Cefprozil for, 3297
 Cefuroxime axetil for, 3311
 Cellulose sodium phosphate for, 3317
 Cephalixin for, 3319
 Cephalixin tablets for, 3321
 Cephradine for, 3330
 Chloramphenicol palmitate, 3353
 Chloroquine phosphate, 3378
 Chlorothiazide, 3380
 Cholestyramine for, 3405
 Cisapride compounded, veterinary, 3439
 Clarithromycin for, 3463
 Clavulanate potassium and amoxicillin for, 2791
 Clonazepam, 3505
 Clopidogrel compounded, 3517
 Colestipol hydrochloride for, 3555
 Colistin sulfate for, 3558
 Dapsone, 3637
 Demeclocycline, 3645
 Diazoxide, 3722
 Dicloxacillin sodium for, 3742
 Didanosine tablets for, 3750
 Diltiazem hydrochloride, 3785
 Dipyrindamole, 3821
 Dolasetron mesylate, 3858
 Doxycycline for, 3892
 Doxycycline calcium, 3894
 Doxycycline compounded, veterinary, 3895
 Enalapril maleate, 3970
 Enalapril maleate compounded, veterinary, 3970
 Enrofloxacin compounded, veterinary, 3986
 Erythromycin estolate, 4039
 Erythromycin estolate for, 4040
 Erythromycin estolate and sulfisoxazole acetyl, 4040
 Erythromycin ethylsuccinate, 4043
 Erythromycin ethylsuccinate for, 4044
 Erythromycin ethylsuccinate and sulfisoxazole acetyl for, 4046
 Famciclovir compounded, 4135
 Famotidine for, 4139
 Felbamate, 4143
 Ferumoxsil, 4182
 Flecainide acetate, 4206
 Fluconazole for, 4219
 Flucytosine, 4223
 Furazolidone, 4347
 Ganciclovir, 4381
 Granisetron hydrochloride, 4442
 Griseofulvin, 4447
 Hydroxyzine pamoate, 4546
 Ibuprofen, 4556
 Indomethacin, 4602
 Isradipine, 4728
 Ketoconazole, 4748
 Labetalol hydrochloride, 4759
 Lamotrigine compounded, 4778
 Lamotrigine tablets, 4776
 Lansoprazole compounded, 4787
 Lisinopril, 4865
 Loracarbef for, 4895
 Magaldrate, 4931
 Magaldrate and simethicone, 4932
 Magnesium carbonate and sodium bicarbonate for, 4937
 Marbofloxacin compounded, veterinary, 4965
 Mebendazole, 4969
 Megestrol acetate, 4987
 Meloxicam, 4994
 Meprobamate, 5018
 Methacycline hydrochloride, 5060
 Methadone hydrochloride tablets for, 5064
 Methenamine mandelate, 5073
 Methyldopa, 5100
 Metolazone, 5133
 Metoprolol tartrate, 5142
 Metronidazole benzoate compounded, 5149
 Minocycline hydrochloride, 5177
 Mycophenolate mofetil for, 5251
 Nalidixic acid, 5271
 Naproxen, 5283

Naratriptan hydrochloride, 5293
 Nevirapine, 5331
 Nitrofurantoin, 5365
 Nystatin, 5403
 Nystatin for, 5403
 Omeprazole, 5437
 Ondansetron hydrochloride, 5442
 Oxcarbazepine, 5492
 Oxfendazole, 5497
 Oxytetracycline and nystatin for, 5534
 Oxytetracycline calcium, 5534
 Pantoprazole, 5562
 Penicillin G benzathine, 5600
 Penicillin V for, 5619
 Penicillin V benzathine, 5620
 Pentoxifylline, 5635
 Pergolide, veterinary, 5642
 Phenobarbital, 5664
 Phenoxybenzamine hydrochloride compounded, 5670
 Phenytoin, 5690
 Piroxicam compounded, 5741
 Prednisolone compounded, veterinary, 5816
 Primidone, 5832
 Propylthiouracil, 5900
 Psyllium hydrophilic mucilloid for, 5915
 Pyrantel pamoate, 5917
 Pyrazinamide, 5920
 Pyrimethamine, 5929
 Pyrvinium pamoate, 5931
 Quinidine sulfate, 5952
 Rifabutin, 6006
 Rifampin, 6010
 Sildenafil citrate, 6159
 Simethicone, 6163
 Sodium phenylbutyrate, 6200
 Sotalol hydrochloride, 6216
 Spironolactone, 6222
 Spironolactone and hydrochlorothiazide, 6223
 Spironolactone compounded, 6221
 Sulfadimethoxine, 6261
 Sulfamethizole, 6266
 Sulfamethoxazole, 6268
 Sulfamethoxazole and trimethoprim, 6270
 Sulfisoxazole acetyl, 6282
 Sumatriptan succinate, 6294
 Tacrolimus, 6309
 Tadalafil compounded, 6313
 Temozolomide, 6361
 Terbinafine, 6370
 Terbutaline, 6377
 Tetracycline, 6400
 Tetracycline hydrochloride, 6407
 Theophylline, 6421
 Thiabendazole, 6429
 Thioridazine, 6446
 Tiagabine hydrochloride, 6460
 Topiramate compounded, 6527
 Tramadol hydrochloride, 6532
 Tramadol hydrochloride and acetaminophen, 6538
 Tramadol hydrochloride compounded, veterinary, 6539
 Triflupromazine, 6586
 Trisulfapyrimidines, 6607
 Ursodiol, 6630
 Valacyclovir, 6633
 Vehicle for, 7788
 Verapamil hydrochloride, 6678
 Zonisamide compounded, 6778

Orange
 G, 2375
 oil, 7789
 peel tincture, sweet, 7790
 spirit, compound, 7789
 syrup, 7790
 Orbifloxacin, 5451
 tablets, 5452
 Orcinol, 2376
 Ordinary impurities (466), 368
 Organic
 nitrogenous bases—identification (181), 245
 nitrogenous bases, salts of (501), 392
 Orlistat, 5453
 capsules, 5456
 Orphenadrine citrate, 5457
 aspirin and caffeine tablets, 5462
 injection, 5459
 extended-release tablets, 5460
 Orthophenanthroline, 2376
 TS, 2418
 Osetamivir phosphate, 5465
 capsules, 5467
 Osmium tetroxide, 2376
 Osmolality and osmolarity (785), 656
 Otic solution
 acetic acid, 2581
 antipyrine and benzocaine, 2838
 antipyrine, benzocaine, and phenylephrine hydrochloride, 2839
 benzocaine, 2976
 chloramphenicol, 3351
 gentamicin sulfate and betamethasone valerate, 4395
 hydrocortisone and acetic acid, 4510
 neomycin and polymyxin B sulfates and hydrocortisone, 5321
 polymyxin B sulfate and hydrocortisone, 5753
 Otic suspension
 Ciprofloxacin and dexamethasone, 3436
 Oxacillin
 injection, 5471
 for injection, 5472
 sodium, 5468
 sodium capsules, 5470
 sodium for oral solution, 5472
 Oxalic acid, 2376
 tenth-normal (0.1 N), 2429
 TS, 2419
 Oxaliplatin, 5473
 injection, 5477
 for injection, 5479
 Oxandrolone, 5481
 tablets, 5483
 Oxaprozin, 5485
 tablets, 5486
 Oxazepam, 5487
 capsules, 5488
 tablets, 5490
 Oxcarbazepine, 5490
 oral suspension, 5492
 tablets, 5494
 Oxfendazole, 5497
 oral suspension, 5497
 Oxidized cellulose, 3314
 regenerated, 3315
 Oxprenolol hydrochloride, 5498
 tablets, 5499
 extended-release tablets, 5499
 Oxtriphylline, 5500
 oral solution, 5500
 tablets, 5501
 extended-release tablets, 5501

Oxybenzone, 5503
 and dioxybenzone cream, 3797
 Oxybutynin chloride, 5503
 oral solution, 5504
 tablets, 5505
 tablets, extended-release, 5506
 Oxycodone
 and acetaminophen capsules, 5516
 and acetaminophen tablets, 5517
 and aspirin tablets, 5518
 terephthalate, 5520
 Oxycodone hydrochloride, 5509
 oral solution, 5512
 tablets, 5513
 extended-release tablets, 5513
 3,3'-Oxydipropionitrile, 2376
 Oxygen, 5521
 21 percent certified standard, 2376
 93 percent, 5522
 93 percent certified standard, 2376
 certified standard, 2376
 flask combustion (471), 385
 helium certified standard, 2376
 Oxymetazoline hydrochloride, 5522
 nasal solution, 5523
 ophthalmic solution, 5524
 Oxymetholone, 5524
 tablets, 5525
 Oxymorphone hydrochloride, 5526
 injection, 5527
 tablets, 5528
 extended-release tablets, 5530
 Oxyquinoline sulfate, 7790
 Oxytetracycline, 5531
 calcium, 5534
 calcium oral suspension, 5534
 for injection, 5536
 hydrochloride, 5535
 hydrochloride capsules, 5535
 hydrochloride and hydrocortisone acetate ophthalmic suspension, 5537
 hydrochloride and hydrocortisone ointment, 5537
 hydrochloride and polymyxin B sulfate ointment, 5538
 hydrochloride and polymyxin B sulfate ophthalmic ointment, 5538
 hydrochloride and polymyxin B sulfate topical powder, 5539
 hydrochloride and polymyxin B sulfate vaginal inserts, 5539
 hydrochloride soluble powder, 5536
 injection, 5532
 and nystatin capsules, 5533
 and nystatin for oral suspension, 5534
 tablets, 5533
 Oxytocin, 5539
 injection, 5541

P

P 32
 solution, sodium phosphate, 5699
 suspension, chromic phosphate, 5698
 Package integrity and test method selection (1207.1), 1707
 Package integrity leak test technologies (1207.2), 1719
 Package seal quality test technologies (1207.3), 1736
 Packaging and repackaging—single unit containers (1136), 1532
 Packaging and storage requirements (659), 529
 Packings for high-pressure liquid chromatography, 2376
 Paclitaxel, 5542
 injection, 5544
 Padimate O, 5545
 lotion, 5546
 Paliperidone, 5547
 Palladium
 catalyst, 2376
 chloride, 2376
 chloride TS, buffered, 2419
 Palladous chloride, 2376
 Pallida
 echinacea, 6931
 extract, powdered echinacea, 6935
 powdered echinacea, 6933
 Palm
 oil, 7791
 oil, hydrogenated, 7791
 kernel oil, 7792
 Palmitic acid, 7793
 Palonosetron
 hydrochloride, 5548
 Pamabrom, 5550
 Pamidronate disodium, 5551
 for injection, 5552
 Pancreatic digest of casein, 2376, 2403
 Pancreatin, 2376, 5553
 tablets, 5555
 Pancreatin (1025), 866
 Pancrelipase, 5556
 capsules, 5557
 delayed-release capsules, 5558
 tablets, 5558
 Pancuronium bromide, 5559
 injection, 5560
 Panthenol, 5561
 Pantoprazole
 oral suspension, 5562
 Pantoprazole sodium, 5563
 delayed-release tablets, 5565
 Papaic digest of soybean meal, 2376
 Papain, 5569
 tablets for topical solution, 5569
 Papaverine hydrochloride, 5570
 injection, 5571
 tablets, 5571
 Paper
 lead acetate, 2367
 odorless absorbent, 2376
 quantitative filter, 2385
 Para-aminobenzoic acid, 2331, 2376
 Parachlorophenol, 5571
 camphorated, 5572
 Paraffin, 7794
 synthetic, 7795
 Paraformaldehyde, 2376
 Paraldehyde, 5573
 Paregoric, 5573
 Paricalcitol, 5574
 injection, 5575
 Paromomycin
 oral solution, 5578
 sulfate, 5578
 sulfate capsules, 5578
 Paroxetine
 hydrochloride, 5579
 tablets, 5582
 extended-release tablets, 5583
 Partially-neutralized methacrylic acid and ethyl acrylate copolymer, 7760

Particle size distribution estimation by analytical sieving (786), 658
 Particulate matter in injections (788), 665
 Particulate matter in ophthalmic solutions (789), 669
 Peanut oil, 7795
 Pea starch, 7915
 Pectate lyase, 2377
 Pectin, 5586
 Pemetrexed
 disodium, 5588
 for injection, 5590
 Penbutolol sulfate, 5591
 tablets, 5592
 Penicillamine, 5593
 capsules, 5595
 tablets, 5596
 Penicillin
 G benzathine, 5598
 G benzathine injectable suspension, 5599
 G benzathine and penicillin G procaine injectable suspension, 5601
 G benzathine oral suspension, 5600
 G benzathine tablets, 5600
 G, neomycin, polymyxin B, hydrocortisone acetate, and hydrocortisone sodium succinate topical suspension, 5597
 G potassium, 5602
 G potassium injection, 5603
 G potassium for injection, 5604
 G potassium for oral solution, 5605
 G potassium tablets, 5606
 G procaine, 5607
 G procaine, dihydrostreptomycin sulfate, chlorpheniramine maleate, and dexamethasone injectable suspension, 5612
 G procaine and dihydrostreptomycin sulfate injectable suspension, 5611
 G procaine and dihydrostreptomycin sulfate intramammary infusion, 5611
 G procaine, dihydrostreptomycin sulfate, and prednisolone injectable suspension, 5614
 G procaine injectable suspension, 5609
 G procaine for injectable suspension, 5610
 G procaine intramammary infusion, 5609
 G procaine, neomycin and polymyxin B sulfates, and hydrocortisone acetate topical suspension, 5614
 G procaine and novobiocin sodium intramammary infusion, 5615
 G procaine and penicillin G benzathine injectable suspension, 5601
 G sodium, 5616
 G sodium for injection, 5616
 V, 5618
 V benzathine, 5620
 V benzathine oral suspension, 5620
 V potassium, 5621
 V potassium for oral solution, 5622
 V potassium tablets, 5623
 V for oral suspension, 5619
 V tablets, 5619
 Penicillinase, 2377
 Pentadecane, 2377
 1-Pentadecanol, 2377
 Pentafluoropropionic acid, 2377
 Pentamidine isethionate, 5624
 Pentane, 2377
 1-Pentanesulfonic acid sodium salt, 2377
 2-Pentanone, 2377
 Pentazocine, 5624
 and acetaminophen tablets, 5625
 and aspirin tablets, 5627

hydrochloride, 5625
 injection, 5630
 and naloxone tablets, 5629
 Pentetic acid, 5631
 Pentobarbital, 5632
 sodium, 5633
 sodium injection, 5634
 Pentoxifylline, 5634
 oral suspension, 5635
 extended-release tablets, 5636
 People, xi
 Peppermint, 7796
 oil, 7796
 spirit, 5638
 water, 7797
 Pepsin, 2377
 purified, 2377
 Peptic digest of animal tissue, 2378
 Peptone, dried, 2357, 2378
 Perchloric acid, 2378
 tenth-normal (0.1 N) in dioxane, 2429
 tenth-normal (0.1 N) in glacial acetic acid, 2430
 TS, 2419
 Perflubron, 5639
 Perflutren protein-type A microspheres
 injectable suspension, 5639
 Pergolide
 mesylate, 5641
 oral suspension veterinary, 5642
 tablets, 5643
 Perindopril
 erbumine, 5644
 erbumine tablets, 5647
 Periodic acid, 2378
 Periodontal system
 minocycline, 5182
 Perphenazine, 5649
 and amitriptyline hydrochloride tablets, 5652
 injection, 5650
 oral solution, 5651
 syrup, 5651
 tablets, 5652
 Pertussis
 immune globulin, 5653
 Petrolatum, 5653
 hydrophilic, 5654
 white, 5654
 Petroleum benzin, 2378
 pH (791), 672
 Pharmaceutical calculations in pharmacy practice (1160), 1569
 Pharmaceutical compounding
 nonsterile preparations (795), 675
 sterile preparations (797), 683
 Pharmaceutical dosage forms (1151), 1543
 Phases for gas chromatography, 2378
 Phase-solubility analysis (1171), 1599
 Phellandrene
 (R)-(-)-alpha, 2378
 Phenacetin, 2378
 1,10-Phenanthroline, 2376, 2378
 o-Phenanthroline monohydrochloride monohydrate, 2378
 Phenazopyridine hydrochloride, 5655
 tablets, 5656
 Phendimetrazine tartrate, 5657
 capsules, 5658
 tablets, 5659
 Phenelzine sulfate, 5659
 tablets, 5660
 Pheniramine maleate, 5661
 and naphazoline hydrochloride ophthalmic solution, 5281

Phenmetrazine hydrochloride, 5662
 tablets, 5662
 Phenobarbital, 5663
 sodium, 5665
 sodium injection, 5666
 sodium for injection, 5666
 oral solution, 5664
 oral suspension, 5664
 tablets, 5665
 theophylline and ephedrine hydrochloride tablets, 6424
 Phenol, 2378, 5666
 alcohol TS, 2412
 topical gel, camphorated, 5667
 iron, TS, 2416
 liquefied, 5668
 red, 2378, 2408
 red, sodium, 2378
 red TS, 2419
 red TS, pH 4.7, 2419
 camphorated, topical solution, 5668
 TS, 2419
 Phenolated
 calamine topical suspension, 3111
 Phenoldisulfonic acid TS, 2419
 Phenolphthalein, 2408
 paper, 2409
 Phenolphthalein TS, 2419
 Phenolsulfonphthalein, 2378, 7797
 Phenoxybenzamine hydrochloride, 2378, 5669
 capsules, 5669
 Phenoxybenzamine hydrochloride compounded
 oral suspension, 5670
 3-Phenoxybenzoic acid, 2378
 2-Phenoxyethanol, 2378
 Phenoxyethanol, 7799
 Phensuximide, 5671
 capsules, 5672
 Phentermine hydrochloride, 5672
 capsules, 5673
 tablets, 5673
 Phentolamine mesylate, 5674
 for injection, 5675
 Phenyl
 ether, 2378
 isocyanate, 2378
 2-Phenylacetamide, 2379
 L-Phenylalanine, 2379, 5676
 D-L-Phenylalanine, 2379
 Phenylbutazone, 5677
 boluses, 5677
 injection, 5678
 tablets, 5678
 p-Phenylenediamine
 dihydrochloride, 2379
 hydrochloride, 2379
 o-Phenylenediamine dihydrochloride, 2379
 Phenylephrine
 bitartrate, 5679
 bitartrate and isoproterenol hydrochloride inhalation aerosol, 4702
 Diphenhydramine, hydrochloride tablets, 3810
 hydrochloride, 5681
 hydrochloride, antipyrine, and benzocaine otic solution, 2839
 hydrochloride and promethazine and codeine phosphate oral solution, 5872
 hydrochloride and promethazine oral solution, 5869
 hydrochloride injection, 5683
 hydrochloride nasal jelly, 5684
 hydrochloride nasal solution, 5684

- Phenylephrine (*continued*)
 hydrochloride ophthalmic solution, 5684
 hydrochloride tablets, 5685
 Phenylethyl alcohol, 5686
 Phenylglycine, 2379
 Phenylhydrazine, 2379
 acetate TS, 2419
 hydrochloride, 2379
 sulfuric acid TS, 2419
 Phenylmercuric
 acetate, 7799
 nitrate, 7800
 Phenylmethylsulfonyl fluoride, 2379
 3-Phenylphenol, 2379
 Phenylpropanolamine
 hydrochloride, 5687
 Phenyltoloxamine citrate, 5688
 Phenytoin, 5689
 chewable tablets, 5691
 sodium, 5692
 sodium capsules, extended, 5693
 sodium capsules, prompt, 5696
 sodium injection, 5697
 oral suspension, 5690
 pH indicator paper, short-range, 2409
 Phloroglucinol, 2379
 TS, 2419
 Phloxine B, 2379
 Phosphatase enzyme, alkaline, 2330, 2379
 Phosphate
 acidulated, and sodium fluoride topical
 solution, 6190
 buffer, 2340
 diethylamine, 2352
 P 32 solution, sodium, 5699
 P 32 suspension, chromic, 5698
 in reagents, 2327
 Phosphatic enzyme, 2379
 TS, 2419
 Phosphomolybdic acid, 2379
 TS, 2419
 Phosphoric acid, 2379, 7801
 diluted, 7801
 and sodium fluoride gel, 6191
 0.05 M TS, 2419
 0.06 M TS, 2419
 10% TS, 2419
 1 N TS, 2419
 20% TS, 2419
 Phosphorous acid, 2380
 Phosphorus
 pentoxide, 2380
 red, 2380, 2386
 Phosphotungstic acid, 2380
 TS, 2419
 o-Phthalaldehyde, 2380
 Phthalazine, 2380
 Phthalic
 acid, 2380
 anhydride, 2380
 Phthalimide, 2380
Phyllanthus amarus, 7131
 powdered, 7133
 Physical environments that promote safe
 medication use (1066), 1200
 Physicochemical analytical procedures for
 insulins (121.1), 207
 Physicochemical integrators and indicators
 for sterilization (1229.9), 1842
 Physostigmine
 salicylate, 5699
 salicylate injection, 5700
 salicylate ophthalmic solution, 5700
 Phytanadione, 5701
 injectable emulsion, 5702
 tablets, 5702
 2-Picoline, 2380
 Picrate TS, alkaline, 2412, 2419
 Picric acid, 2380, 2403
 TS, 2419
 Picrolonic acid, 2380
 Pilocarpine, 5703
 hydrochloride, 5705
 hydrochloride ophthalmic solution, 5706
 hydrochloride tablets, 5707
 nitrate, 5708
 nitrate ophthalmic solution, 5708
 ocular system, 5704
 Pimozide, 5709
 tablets, 5710
 Pindolol, 5711
 tablets, 5712
 Pinene
 (+)-alpha, 2380
 beta, 2380
 Pioglitazone
 and glimepiride tablets, 5716
 hydrochloride, 5713
 and metformin hydrochloride tablets, 5720
 tablets, 5715
 Pipemidic acid, 2380
 Piperacillin, 5724
 for injection, 5727
 sodium, 5725
 and tazobactam for injection, 5728
 Piperazine, 2380, 5735
 adipate, 5735
 citrate, 5736
 citrate syrup, 5737
 citrate tablets, 5737
 dihydrochloride, 5737
 phosphate, 5738
 Piperidine, 2380
 Piroxicam, 5738
 capsules, 5739
 cream, 5740
 Piroxicam compounded
 oral suspension, 5741
 Plantago seed, 5742
 Plasma protein fraction, 5742
 Plasma spectrochemistry (730), 611
 Plasma spectrochemistry—theory and
 practice (1730), 2067
 Plastic materials of construction (661.1), 542
 Plastic packaging systems and their materials
 of construction (661), 541
 Plastic packaging systems for pharmaceutical
 use (661.2), 554
 Platinic
 chloride, 2380
 chloride TS, 2419
 Platinum
 cobalt TS, 2419
 Podophyllum, 5743
 resin, 5743
 resin topical solution, 5744
 Polacrillin potassium, 7802
 Polarography (801), 746
 Policies, USP, xxix
 Poloxalene, 5744
 Poloxamer, 7803
 Polycarophil, 5745
 calcium, 3153
 Polydecene
 hydrogenated, 7805
 Polydextrose, 7807
 hydrogenated, 7809
 Polydimethylsiloxane, viscosity 0.65
 centistokes, 2380
 Polyethylene
 glycol, 7812
 glycol 200, 2381
 glycol 600, 2381
 glycol 20,000, 2381
 glycol 3350 and electrolytes for oral
 solution, 5748
 glycol monomethyl ether, 7815
 glycol ointment, 7815
 oxide, 7817
 Polyethylene glycol 3350, 5745
 Polyethylene glycol standards with molecular
 weights of 1000, 2000, 3000, 4000, and
 6000 daltons (g/mol), 2381
 Polyglyceryl
 3 diisostearate, 7821
 dioleate, 7819
 Polyisobutylene, 7822
 Polymyxin B
 for injection, 5752
 and neomycin sulfates, bacitracin, and
 hydrocortisone acetate ointment, 5314
 and neomycin sulfates, bacitracin, and
 hydrocortisone acetate ophthalmic
 ointment, 5314
 and neomycin sulfates, bacitracin, and
 lidocaine ointment, 5315
 and neomycin sulfates and bacitracin
 ointment, 5313
 and neomycin sulfates and bacitracin
 ophthalmic ointment, 5313
 and neomycin sulfates, bacitracin zinc, and
 hydrocortisone acetate ophthalmic
 ointment, 5317
 and neomycin sulfates, bacitracin zinc, and
 hydrocortisone ointment, 5316
 and neomycin sulfates, bacitracin zinc, and
 hydrocortisone ophthalmic ointment,
 5317
 and neomycin sulfates, bacitracin zinc, and
 lidocaine ointment, 5318
 and neomycin sulfates and bacitracin zinc
 ointment, 5315
 and neomycin sulfates and bacitracin zinc
 ophthalmic ointment, 5316
 and neomycin sulfates cream, 5312
 and neomycin sulfates and dexamethasone
 ophthalmic ointment, 5319
 and neomycin sulfates and dexamethasone
 ophthalmic suspension, 5319
 and neomycin sulfates and gramidicin
 cream, 5320
 and neomycin sulfates, gramidicin, and
 hydrocortisone acetate cream, 5321
 and neomycin sulfates and gramidicin
 ophthalmic solution, 5320
 and neomycin sulfates and hydrocortisone
 acetate cream, 5323
 and neomycin sulfates and hydrocortisone
 acetate ophthalmic suspension, 5323
 and neomycin sulfates and hydrocortisone
 ophthalmic suspension, 5322
 and neomycin sulfates and hydrocortisone
 otic solution, 5321
 and neomycin sulfates and hydrocortisone
 otic suspension, 5322
 and neomycin sulfates and lidocaine
 cream, 5323
 and neomycin sulfates ophthalmic
 ointment, 5312
 and neomycin sulfates ophthalmic
 solution, 5313
 and neomycin sulfates, penicillin G
 procaine, and hydrocortisone acetate
 topical suspension, 5614

Polymyxin B (*continued*)

and neomycin sulfates and pramoxine hydrochloride cream, 5324
 and neomycin sulfates and prednisolone acetate ophthalmic suspension, 5324
 and neomycin sulfates solution for irrigation, 5312
 penicillin G, neomycin, hydrocortisone acetate, and hydrocortisone sodium succinate topical suspension, 5597
 sulfate, 5750
 sulfate and bacitracin topical aerosol, 2939
 sulfate and bacitracin zinc topical aerosol, 5752
 sulfate and bacitracin zinc ointment, 2942
 sulfate and bacitracin zinc ophthalmic ointment, 2943
 sulfate and bacitracin zinc topical powder, 5753
 sulfate and chloramphenicol ophthalmic ointment, 3352
 sulfate and hydrocortisone otic solution, 5753
 sulfate and oxytetracycline hydrochloride ointment, 5538
 sulfate and oxytetracycline hydrochloride ophthalmic ointment, 5538
 sulfate and oxytetracycline hydrochloride topical powder, 5539
 sulfate and oxytetracycline hydrochloride vaginal inserts, 5539
 sulfate and trimethoprim ophthalmic solution, 5754
 Polyoxyethylene 10 lauryl ether, 2381
 Polyoxyethylene (20) sorbitan monolaurate, 2381
 Polyoxyethylene (23) lauryl ether, 2381
 Polyoxyl
 10 oleyl ether, 7823
 15 hydroxystearate, 7824
 20 cetostearyl ether, 7828
 35 castor oil, 7829
 40 hydrogenated castor oil, 7829
 lauryl ether, 7830
 oleate, 7830
 stearate, 7831
 stearyl ether, 7832
 Polysaccharide molecular weight standards, 2381
 Polysorbate
 20, 7833
 40, 7834
 60, 7835
 80, 7835
 Polysorbate 80, 2381
 Polystyrene
 cation-exchange resin, 2381
 Polytef, 2381
 Polyvinyl
 acetate, 7837
 acetate dispersion, 7840
 acetate phthalate, 7842
 alcohol, 2381, 5754
 alcohol and ethylene glycol graft copolymer, 7658
 Porosimetry by mercury intrusion (267), 306
 Porosity by nitrogen adsorption-desorption (268), 309
 Positron emission tomography drugs for compounding, investigational, and research uses (823), 758
 Positron emission tomography drugs—information (1823), 2190
 Potash, sulfurated, 5756

Potassium

acetate, 2381, 5756
 acetate injection, 5757
 acetate TS, 2419
 alginate, 7843
 alum, 2381, 2660
 arsenate monobasic, 2381
 arsenite, tenth-normal (0.1 N), 2430
 benzoate, 7843
 bicarbonate, 2381, 5757
 bicarbonate effervescent tablets for oral solution, 5758
 bicarbonate and potassium chloride for effervescent oral solution, 5758
 bicarbonate and potassium chloride effervescent tablets for oral solution, 5759
 bicarbonate, potassium chloride, and potassium citrate effervescent tablets for oral solution, 5769
 biphosphate, 2381
 biphthalate, 2381
 bismuth iodide TS, 2419
 bisulfate, 2381
 bitartrate, 5760
 bromate, 2382
 bromate, tenth-normal (0.1 N), 2430
 bromide, 2382, 5761
 bromide-bromate, tenth-normal (0.1 N), 2430
 bromide oral solution, veterinary, 5762
 carbonate, 2382, 5762
 carbonate, anhydrous, 2333, 2382
 carbonate TS, 2419
 chlorate, 2382
 chloride, 2382, 5763
 chloride extended-release capsules, 5763
 chloride in dextrose injection, 5766
 chloride in dextrose and sodium chloride injection, 5767
 chloride for injection concentrate, 5764
 chloride in lactated Ringer's and dextrose injection, 5769
 chloride, potassium bicarbonate, and potassium citrate effervescent tablets for oral solution, 5769
 chloride and potassium bicarbonate for effervescent oral solution, 5758
 chloride and potassium bicarbonate effervescent tablets for oral solution, 5759
 chloride and potassium gluconate oral solution, 5780
 chloride and potassium gluconate for oral solution, 5780
 chloride in sodium chloride injection, 5772
 chloride oral solution, 5765
 chloride for oral solution, 5765
 chloride extended-release tablets, 5766
 chloroplatinate, 2382
 chromate, 2382
 chromate TS, 2419
 citrate, 5773
 citrate and citric acid oral solution, 5776
 citrate, magnesium carbonate, and citric acid for oral solution, 4937
 citrate, potassium chloride, and potassium bicarbonate effervescent tablets for oral solution, 5769
 citrate, potassium gluconate, and ammonium chloride oral solution, 5781
 citrate and potassium gluconate oral solution, 5781
 citrate tablets, 7134
 citrate extended-release tablets, 5774

cyanide, 2382
 dichromate, 2382
 dichromate, tenth-normal (0.1 N), 2430
 dichromate TS, 2419
 ferricyanide, 2382
 ferricyanide TS, 2419
 ferricyanide, twentieth-molar (0.05 M), 2431
 ferrocyanide, 2382
 ferrocyanide TS, 2419
 gluconate, 5777
 gluconate and potassium chloride oral solution, 5780
 gluconate and potassium chloride for oral solution, 5780
 gluconate, potassium citrate, and ammonium chloride oral solution, 5781
 gluconate and potassium citrate oral solution, 5781
 gluconate oral solution, 5778
 gluconate tablets, 5779
 guaiacolsulfonate, 5782
 hyaluronate, 2382
 hydrogen sulfate, 2382
 hydroxide, 2382, 7844
 hydroxide, alcoholic, half-normal (0.5 N), 2420, 2431
 hydroxide, alcoholic, tenth-molar (0.1 M), 2431
 hydroxide, methanolic, tenth-normal (0.1 N), 2431
 hydroxide, normal (1 N), 2431
 hydroxide TS, 2419
 hydroxide 2 N TS, 2420
 hydroxide TS, alcoholic, 2420
 hydroxide TS 2, alcoholic, 2420
 iodate, 2382
 iodate, twentieth-molar (0.05 M), 2431
 iodide, 2382, 5782
 iodide and iodine TS 1, 2416
 iodide and iodine TS 2, 2416
 iodide and iodine TS 3, 2416
 iodide oral solution, 5783
 iodide and starch TS, 2420
 iodide tablets, 5783
 iodide delayed-release tablets, 5784
 iodide TS, 2420
 iodide 20% TS, 2420
 iodoplatinate TS, 2420
 metabisulfite, 2382, 7846
 metaphosphate, 7846
 nitrate, 2382, 5784
 nitrate solution, 5785
 nitrite, 2382
 perchlorate, 2382, 5786
 perchlorate capsules, 5786
 periodate, 2382
 permanganate, 2382, 5786
 permanganate, tenth-normal (0.1 N), 2420, 2432
 permanganate TS, 2420
 persulfate, 2382
 phosphate, dibasic, 2351, 2382, 5787
 phosphate, dibasic, trihydrate, 2382
 phosphate, monobasic, 2372, 2381, 2382, 7847
 phosphate, tribasic, 2383
 phosphates injection, 5788
 pyroantimonate, 2383
 pyroantimonate TS, 2420
 pyrophosphate, 2383
 pyrosulfate, 2383
 and sodium bicarbonates and citric acid effervescent tablets for oral solution, 5759

Potassium (*continued*)
 sodium tartrate, 2383, 5789
 sorbate, 7848
 sulfate, 2383
 sulfate TS, 2420
 tellurite, 2383
 thiocyanate, 2383
 thiocyanate, tenth-normal (0.1 N), 2432
 thiocyanate TS, 2420
 0.025 N Potassium dichromate VS, 2430
 Potassium hydroxide
 1.8 N TS, 2420
 45% TS, 2420
 Potassium phosphate
 0.02 M TS, 2420
 0.2 M TS, 2420
 Potato starch, 2383, 7920
 Povidone, 5789
 Povidone-iodine, 5792
 topical aerosol, 5793
 cleansing solution, 5793
 ointment, 5793
 topical solution, 5794

Powder

Absorbable dusting, 3926
 Ampicillin soluble, 2808
 Amprolium soluble, 2814
 Astragalus root, 6815
 Bacitracin methylene disalicylate soluble, 2939
 Bacitracin zinc soluble, 2942
 Banaba leaf, 6827
 Chlortetracycline and sulfamethazine bisulfate soluble, 3396
 Chlortetracycline hydrochloride soluble, 3397
 Compound clioquinol topical, 3488
 Cromolyn sodium inhalation, 3588
 Fenugreek seed, 6955
 Fluticasone propionate and salmeterol, inhalation, 4309
 Fluticasone propionate inhalation, 4293
 Ganoderma lucidum fruiting body, 6978
 Iron, 2365
 Japanese honeysuckle flower, 7060
 Levothyroxine sodium oral, 4842
 Lincomycin hydrochloride soluble, 4858
 Methylbenzethonium chloride topical, 5096
 Miconazole nitrate topical, 5165
 Neomycin sulfate, isoflupredone acetate, and tetracaine hydrochloride topical, 5310
 Northern schisandra fruit, 7187
 Nystatin topical, 5402
 Oral, containing at least three of the following—acetaminophen and (salts of) chlorpheniramine, dextromethorphan, and pseudoephedrine, 2555
 Oxytetracycline hydrochloride and polymyxin B sulfate topical, 5539
 Oxytetracycline hydrochloride soluble, 5536
 Polymyxin B sulfate and bacitracin zinc topical, 5753
 St. John's wort flowering top, 7168
 Salmeterol inhalation, 6096
 Sodium bicarbonate oral, 6178
 Soy isoflavones, powdered extract, 7196
 Sulfadimethoxine soluble, 6260
 Tetracycline hydrochloride soluble, 6405

Tienchi ginseng root and rhizome, 7216
 Tolnaftate topical, 6518

Powdered

American ginseng, 6787
 American ginseng extract, 6789
 andrographis, 6795
 andrographis extract, 6797
 ashwagandha root, 6802
 ashwagandha root extract, 6804
 Asian ginseng, 6807
 Asian ginseng extract, 6808
 bilberry extract, 6834
 black cohosh, 6838
 black cohosh extract, 6840
 black pepper, 6847
 black pepper extract, 6849
 cat's claw, 6869
 cat's claw extract, 6871
 cellulose, 7593
 Chinese salvia, 6894
 digitalis, 3762
Echinacea angustifolia, 6926
Echinacea angustifolia extract, 6928
Echinacea pallida, 6933
Echinacea pallida extract, 6935
Echinacea purpurea, 6942
Echinacea purpurea extract, 6944
 eleuthero, 6948
 eleuthero extract, 6950
 fenugreek seed, extract, 6958
 feverfew, 6961
 garlic, 6989
 garlic extract, 6991
 ginger, 6997
 ginkgo extract, 7005
 goldenseal, 7027
 goldenseal extract, 7029
 green tea extract, decaffeinated, 7032
 gymnema, 7040
 hawthorn leaf with flower, 7046
 holy basil leaf, 7051
 holy basil leaf extract, 7053
 horse chestnut, 6889
 horse chestnut extract, 6891
 ipecac, 4668
 licorice, 7073
 licorice extract, 7074
 Malabar-nut-tree, leaf, 7089
 milk thistle, 7107
 milk thistle extract, 7109
 opium, 5450
Phyllanthus amarus, 7133
rauwolfia serpentina, 5980
Rhodiola rosea, 7151
Rhodiola rosea extract, 7152
 rosemary, 7161
 saw palmetto, 7177
 stinging nettle, 7210
 stinging nettle extract, 7211
 turmeric, 7230
 turmeric extract, 7232
 valerian, 7240
 valerian extract, 7241
 zinc chloride, anhydrous, 2406
 Powder fineness (811), 750
 Powder flow (1174), 1602
 Pralidoxime
 chloride, 5794
 chloride for injection, 5795
 Pramipexole dihydrochloride, 5795
 Pramoxine
 hydrochloride, 5798
 hydrochloride cream, 5798
 hydrochloride jelly, 5799
 hydrochloride and neomycin and polymyxin B sulfates cream, 5324
 Pravastatin sodium, 5799
 tablets, 5801
 Praziquantel, 5803
 tablets, 5804
 Prazosin hydrochloride, 5805
 capsules, 5807
 Prednicarbate, 5808
 cream, 5809
 ointment, 5810
 Prednisolone, 5811
 acetate, 5814
 acetate and gentamicin ophthalmic ointment, 4397
 acetate and gentamicin ophthalmic suspension, 4397
 acetate injectable suspension, 5815
 acetate and neomycin and polymyxin B sulfates ophthalmic suspension, 5324
 acetate and neomycin sulfate ophthalmic suspension, 5326
 acetate ophthalmic suspension, 5815
 acetate and sulfacetamide sodium ophthalmic ointment, 6252
 acetate and sulfacetamide sodium ophthalmic suspension, 6253
 cream, 5812
 hemisuccinate, 5816
 penicillin G procaine, and dihydrostreptomycin sulfate injectable suspension, 5614
 sodium phosphate, 5817
 sodium phosphate injection, 5819
 sodium phosphate ophthalmic solution, 5820
 sodium succinate for injection, 5820
 oral solution, 5813
 tablets, 5813
 tebutate, 5821
 tebutate injectable suspension, 5821
 tetracycline hydrochloride and novobiocin sodium tablets, 6409
 Prednisolone compounded oral suspension, veterinary, 5816
 Prednisolone sodium phosphate compounded oral solution, 5818
 Prednisone, 5822
 injectable suspension, 5823
 oral solution, 5823
 tablets, 5824
 Preface
 and mission, vii
 Pregnenolone acetate, 2383
 Prekallikrein activator (165), 241
 Preparation of biological specimens for histologic and immunohistochemical analysis (1285), 1978
 Prescription balances and volumetric apparatus (1176), 1607
 Prescription container labeling (17), 107
 Prilocaine, 5825
 and epinephrine injection, 5828
 hydrochloride, 5826
 hydrochloride injection, 5827
 and lidocaine cream, 4854
 Primaquine phosphate, 5829
 tablets, 5830
 Primidone, 5831
 oral suspension, 5832

Primidone (*continued*)
 tablets, 5833
 Probenecid, 5834
 and ampicillin for oral suspension, 2811
 and colchicine tablets, 5835
 tablets, 5835
 Probucol, 5837
 tablets, 5838
 Procainamide hydrochloride, 5838
 capsules, 5839
 injection, 5840
 tablets, 5840
 extended-release tablets, 5840
 Procaine
 hydrochloride, 5842
 hydrochloride and epinephrine injection,
 5843
 hydrochloride injection, 5843
 and propoxycaine hydrochlorides and
 levonordefrin injection, 5889
 and propoxycaine hydrochlorides and
 norepinephrine bitartrate injection, 5890
 and tetracaine hydrochlorides and
 levonordefrin injection, 5844
 Procarbazine hydrochloride, 5845
 capsules, 5845
 Prochlorperazine, 5846
 edisylate, 5848
 edisylate injection, 5848
 maleate, 5849
 maleate tablets, 5850
 oral solution, 5846
 suppositories, 5847
 Procyclidine hydrochloride, 5852
 tablets, 5852
 Products for nebulization—characterization
 tests (1601), 1984
 Progesterone, 5853
 injectable suspension, 5855
 injection, 5854
 intrauterine contraceptive system, 5854
 vaginal suppositories, 5856
 Proguanil hydrochloride, 5857
 Proline, 5859
 Promazine hydrochloride, 5860
 injection, 5861
 oral solution, 5861
 syrup, 5862
 tablets, 5862
 Promethazine
 and phenylephrine hydrochloride and
 codeine phosphate oral solution, 5872
 and phenylephrine hydrochloride oral
 solution, 5869
 Promethazine hydrochloride, 5862
 injection, 5864
 oral solution, 5865
 suppositories, 5866
 tablets, 5867
 Propafenone hydrochloride, 5875
 extended-release capsules, 5876
 tablets, 5880
 Propane, 7848
 Propanediol, 7849
 Propantheline bromide, 5882
 tablets, 5883
 Proparacaine hydrochloride, 5884
 and fluorescein sodium ophthalmic
 solution, 4249
 ophthalmic solution, 5885
 Propellants (602), 498
 Propionaldehyde, 2383
 Propionic
 acid, 7851
 anhydride, 2383

Propionic acid, 2383
 Propiophenone, 2383
 Propofol, 5885
 injectable emulsion, 5887
 Propoxycaine
 hydrochloride, 5889
 and procaine hydrochlorides and
 levonordefrin injection, 5889
 and procaine hydrochlorides and
 norepinephrine bitartrate injection, 5890
 Propranolol hydrochloride, 5891
 extended-release capsules, 5892
 and hydrochlorothiazide tablets, 5895
 injection, 5894
 tablets, 5895
iso-Propyl alcohol, 2383
n-Propyl alcohol, 2330, 2383
 Propyl gallate, 7852
 Propylamine hydrochloride, 2383
 Propylene
 carbonate, 7852
 glycol, 5897
 glycol alginate, 7853
 glycol dicaprylate/dicaprate, 7854
 glycol dilaurate, 7854
 glycol monocaprylate, 7855
 glycol monolaurate, 7856
 glycol monostearate, 7858
 Propylhexedrine, 5898
 inhalant, 5899
 Propylidone, 5899
 injectable oil suspension, 5899
 Propylparaben, 7859
 sodium, 7860
 Propylthiouracil, 5900
 oral suspension, 5900
 tablets, 5901
 Protamine sulfate, 5902
 injection, 5903
 Protein
 molecular weight standard, 2383
 standard solution (8 g/dL), 2383
 Protein A quality attributes (130), 227
 Protein determination procedures (507), 395
 Protocatechuic acid, 2383
 Protriptyline hydrochloride, 5904
 tablets, 5904
 Pseudoephedrine
 chlorpheniramine, dextromethorphan (salts
 of), and acetaminophen, capsules
 containing at least three of the
 following, 2552
 chlorpheniramine, dextromethorphan (salts
 of), and acetaminophen, oral powder
 containing at least three of the
 following, 2555
 chlorpheniramine, dextromethorphan (salts
 of), and acetaminophen, oral solution
 containing at least three of the
 following, 2557
 chlorpheniramine, dextromethorphan (salts
 of) and acetaminophen, tablets
 containing at least three of the
 following, 2559
 and diphenhydramine capsules, 3813
 hydrochloride, 5905
 hydrochloride, acetaminophen,
 dextromethorphan hydrobromide, and
 doxylamine succinate oral solution, 2567
 hydrochloride, acetaminophen, and
 diphenhydramine hydrochloride tablets,
 2570
 hydrochloride and acetaminophen tablets,
 2571

 hydrochloride extended-release capsules,
 5906
 hydrochloride, carbinoxamine maleate,
 and dextromethorphan hydrobromide
 oral solution, 5910
 hydrochloride and chlorpheniramine
 maleate extended-release capsules, 3389
 hydrochloride and chlorpheniramine
 maleate oral solution, 3390
 hydrochloride and guaifenesin capsules,
 4454
 hydrochloride, guaifenesin, and
 dextromethorphan hydrobromide
 capsules, 4455
 hydrochloride and ibuprofen tablets, 4559
 hydrochloride oral solution, 5907
 hydrochloride tablets, 5907
 hydrochloride extended-release tablets,
 5908
 hydrochloride and cetirizine hydrochloride
 extended-release tablets, 3338
 hydrochloride and fexofenadine
 hydrochloride extended-release tablets,
 4189
 sulfate, 5911
 sulfate and brompheniramine maleate oral
 solution, 3060
 sulfate and dexbrompheniramine maleate
 oral solution, 3684
 and triprolidine hydrochlorides oral
 solution, 6606
 and triprolidine hydrochlorides tablets,
 6606
 Psyllium
 hemicellulose, 5912
 husk, 5914
 hydrophilic mucilloid for oral suspension,
 5915
 Pullulan, 7861
 Pullulanase, 2383
 5,800, 23,700, and 100,000 molecular
 weight (MW) pullulan standards, 2372
 Pumice, 2384, 5915
 Pure steam, 6719
 Purine, 2384
Purpurea
 extract, powdered *Echinacea*, 6944
 powdered *Echinacea*, 6942
 root, *Echinacea*, 6940
 Putrescine dihydrochloride, 2384
 Pygeum, 7135
 capsules, 7138
 extract, 7136
 Pyrantel pamoate, 5916
 and ivermectin tablets, 4737
 oral suspension, 5917
 Pyrantel tartrate, 5918
 Pyrazinamide, 5919
 rifampin, isoniazid, and ethambutol
 hydrochloride tablets, 6013
 rifampin and isoniazid tablets, 6012
 oral suspension, 5920
 tablets, 5920
 Pyrazole, 2384
 Pyrene, 2384
 Pyrethrum extract, 5921
 4-(2-Pyridylazo)resorcinol, 2385
 Pyridine, 2385
 dried, 2385
 Pyridine-pyrazolone TS, 2420
 Pyridostigmine bromide, 5922
 injection, 5922
 oral solution, 5923
 tablets, 5923

Pyridoxal
hydrochloride, 2385
5-phosphate, 2385
Pyridoxamine dihydrochloride, 2385
Pyridoxine hydrochloride, 5924
injection, 5925
tablets, 5926
1-(2-Pyridylazo)-2-naphthol, 2385
3-(2-Pyridyl)-5,6-di(2-furyl)-1,2,4-triazine-5',
5''-disulfonic acid, disodium salt, 2385
Pyrilamine maleate, 5927
tablets, 5928
Pyrimethamine, 5928
and sulfadoxine tablets, 6263
oral suspension, 5929
tablets, 5930
Pyrogallol, 2385
TS, alkaline, 2420
Pyrogen test (151), 234
Pyroxylin, 5930
Pyrrole, 2385
Pyruvic acid, 2385
Pyrvinium pamoate, 5931
oral suspension, 5931
tablets, 5932

Q

Quality assurance in pharmaceutical
compounding (1163), 1593
Quality attributes of tablets labeled as having
a functional score (705), 586
Quality of biotechnological products
analysis of the expression construct in cells
used for production of r-DNA derived
protein products (1048), 1060
stability testing of biotechnological/
biological products (1049), 1062
Quantitative filter paper, 2385
Quazepam, 5933
tablets, 5933
Quercetin, 7140
Quetiapine
tablets, 5934
extended-release tablets, 5937
Quetiapine fumarate, 5939
Quinaldine red, 2408
TS, 2420
Quinapril
hydrochloride, 5941
and hydrochlorothiazide tablets, 5942
tablets, 5944
Quinhydrone, 2385
Quinidine gluconate, 5946
injection, 5947
extended-release tablets, 5948
Quinidine sulfate, 5950
capsules, 5951
oral suspension, 5952
tablets, 5953
extended-release tablets, 5954
Quinine sulfate, 5956
capsules, 5957
tablets, 5958
Quinone, 2386
TS, 2420

R

Rabeprazole
sodium, 5961
Rabies
immune globulin, 5962
Racemethionine, 7862
Racemic
calcium pantothenate, 3148
Racipinephrine, 5963
hydrochloride, 5964
inhalation solution, 5963
Ractopamine hydrochloride
suspension, 5964
Radiation sterilization (1229.10), 1843
Radioactivity (821), 751
Radioactivity—theory and practice (1821),
2177

Radiopharmaceuticals

C 13, urea, 3199
C 13, urea for oral solution, 3200
C 14, urea capsules, 3201
Cr 51, sodium chromate injection, 3407
Cr 51, chromium edetate injection, 3407
Co 57, cyanocobalamin capsules, 3539
Co 57, cyanocobalamin oral solution, 3539
Co 58, cyanocobalamin capsules, 3540
F 18, fludeoxyglucose injection, 4250
F 18, sodium fluoride injection, 4251
Ga 67 injection, gallium citrate, 4379
Indium In 111 capromab pendetide
injection, 4589
Indium In 111 chloride solution, 4589
Indium In 111 ibritumomab tiuxetan
injection, 4591
Indium In 111 oxyquinoline solution, 4591
Indium In 111 pentetate injection, 4592
Indium In 111 pentetreotide injection,
4593
Indium In 111 satumomab pendetide
injection, 4593
I 123, iobenguane injection, 4632
I 123, iodohippurate sodium injection,
4634
I 123, sodium iodide capsules, 4635
I 123, sodium iodide solution, 4636
I 125, iodinated albumin injection, 4636
I 125, iothalamate sodium injection, 4637
I 131, iodinated albumin aggregated
injection, 4638
I 131, iodinated albumin injection, 4637
I 131, iobenguane injection, 4633
I 131, iodohippurate sodium injection,
4638
I 131, rose bengal sodium injection, 4639
I 131, sodium iodide capsules, 4640
I 131, sodium iodide solution, 4640
Krypton Kr 81m, 4757
N 13, ammonia injection, 5369
P 32, chromic phosphate suspension, 5698
P 32, sodium phosphate solution, 5699
Rubidium chloride Rb 82 injection, 6082
Samarium Sm 153 lexidronam injection,
6106
Sr 89 injection, strontium chloride, 6235
Technetium Tc 99m albumin aggregated
injection, 6332
Technetium Tc 99m albumin colloid
injection, 6333
Technetium Tc 99m albumin injection,
6331

Technetium Tc 99m apcitide injection,
6335
Technetium Tc 99m arcitumomab
injection, 6335
Technetium Tc 99m bicipitate injection,
6336
Technetium Tc 99m depreotide injection,
6337
Technetium Tc 99m disofenin injection,
6337
Technetium Tc 99m etidronate injection,
6338
Technetium Tc 99m exametazime
injection, 6338
Technetium Tc 99m gluceptate injection,
6340
Technetium Tc 99m lidofenin injection,
6341
Technetium Tc 99m mebrofenin injection,
6342
Technetium Tc 99m medronate injection,
6343
Technetium Tc 99m mertiatide injection,
6344
Technetium Tc 99m nofetumomab
merpentan injection, 6345
Technetium Tc 99m oxidronate injection,
6345
Technetium Tc 99m pentetate injection,
6345
Technetium Tc 99m pertechnetate
injection, sodium, 6346
Technetium Tc 99m pyrophosphate
injection, 6348
Technetium Tc 99m (pyro- and trimeta-)
phosphates injection, 6348
Technetium Tc 99m red blood cells
injection, 6349
Technetium Tc 99m sestamibi injection,
6349
Technetium Tc 99m succimer injection,
6350
Technetium Tc 99m sulfur colloid injection,
6351
Technetium Tc 99m tetrofosmin injection,
6352
Thallous chloride Tl 201 injection, 6415
Xenon Xe 127, 6722
Xenon Xe 133, 6722
Xenon Xe 133 injection, 6722
Yttrium Y 90 ibritumomab tiuxetan
injection, 6730
Raloxifene hydrochloride, 5966
tablets, 5967
Raman spectroscopy (1120), 1461
Ramipril, 5970
capsules, 5971
Ranitidine
hydrochloride, 5973
injection, 5975
in sodium chloride injection, 5978
oral solution, 5976
tablets, 5977
Rapeseed oil
fully hydrogenated, 7863
superglycerinated fully hydrogenated,
7864
Rat tail collagen, 2348
Rauwolfia serpentina, 5979
powdered, 5980
tablets, 5981
Rayon, 2386
purified, 5981
Rb 82
injection, rubidium chloride, 6082

Readily carbonizable substances test (271), 314

Reagents, 2324

- arsenic in, 2324
- boiling or distilling range for, 2324
- chloride in, 2325
- flame photometry for, 2325
- general tests for, 2324
- heavy metals in, 2326
- indicators and solutions, 2323
- insoluble matter in, 2326
- loss on drying for, 2326
- nitrate in, 2327
- nitrogen compounds in, 2327
- phosphate in, 2327
- residue on ignition in, 2327
- sulfate in, 2327

Rectal solution

- aminophylline, 2741
- sodium phosphates, 6203

Red

- 80, direct, 2386
- phosphorus, 2386

Red-cell lysing agent, 2386

Reference standards

- USP (11), 104

Reference tables, 2443

- Alcoholometric, 2523
- Atomic weights, 2521
- Container specifications for capsules and tablets, 2443
- Description and relative solubility of USP and NF articles, 2453
- Intrinsic viscosity table, 2525
- Relative atomic masses and half-lives of selected radionuclides, 2522
- Solubilities, 2513

Refractive index (831), 768

Rehydration salts, oral, 5981

Relative atomic masses and half-lives of selected radionuclides, 2522

Repaglinide, 5983

- tablets, 5985

Resazurin (sodium), 2386

Reserpine, 5987

- and chlorothiazide tablets, 5990
- and hydrochlorothiazide tablets, 5992
- injection, 5987
- oral solution, 5988
- tablets, 5989

Residual host cell protein measurement in biopharmaceuticals (1132), 1511

Residual solvents (467), 369

Residue on ignition (281), 314

Residue on ignition in reagents, 2327

Resin

- Anion-exchange, 50- to 100-mesh, styrene-divinylbenzene, 2333, 2396
- Anion-exchange, chloromethylated polystyrene-divinylbenzene, 2333, 2346
- Anion-exchange, strong, lightly cross-linked, in the chloride form, 2333
- Anion-exchange, styrene-divinylbenzene, 2333
- Capsicum oleoresin, 3170
- Carboxylate (sodium form) cation-exchange (50- to 100-mesh), 2344
- Cation-exchange, 2344
- Cation-exchange, carboxylate (sodium form) 50- to 100-mesh, 2344
- Cation-exchange, polystyrene, 2344, 2381

- Cation-exchange, styrene-divinylbenzene, 2344
- Cation-exchange, styrene-divinylbenzene, strongly acidic, 2345, 2396
- Cation-exchange, sulfonic acid, 2345, 2396
- Chloromethylated polystyrene-divinylbenzene anion-exchange, 2346
- Cholestyramine, 3404
- Ion-exchange, 2365
- Podophyllum, 5743
- Podophyllum topical solution, 5744
- Polystyrene cation-exchange, 2381
- Styrene-divinylbenzene anion-exchange, 50- to 100-mesh, 2396
- Styrene-divinylbenzene cation-exchange, strongly acidic, 2396
- Sulfonic acid cation-exchange, 2396

Resorcinol, 5993

- monoacetate, 5995
- ointment, compound, 5994
- and sulfur topical suspension, 5994
- TS, 2420

6Z-retinoic acid, 2386

Retinyl palmitate, 2386

Reverse transcriptase, 2386

Rheometry (1911), 2238

Rhodamine 6G, 2386

Rhodamine B, 2386

Rhodiola rosea, 7149

- capsules, 7155
- extract, 7152
- powdered, 7151
- tablets, 7157
- tincture, 7154

Ribavirin, 5995

- capsules, 5996
- for inhalation solution, 5998
- tablets, 5999

Riboflavin, 6001

- assay (481), 386
- injection, 6002
- 5'-phosphate sodium, 6003
- tablets, 6002

Ribonuclease inhibitor, 2386

Ribose, 7159

Rifabutin, 6005

- capsules, 6006
- oral suspension, 6006

Rifampin, 6007

- capsules, 6008
- for injection, 6009
- and isoniazid capsules, 6010
- isoniazid, pyrazinamide, and ethambutol hydrochloride tablets, 6013
- isoniazid, and pyrazinamide tablets, 6012
- oral suspension, 6010

Riluzole, 6014

- tablets, 6015

Rimantadine hydrochloride, 6016

- tablets, 6017

Rimexolone, 6018

- ophthalmic suspension, 6019

Ringer's

- and dextrose injection, 6021
- and dextrose injection, half-strength lactated, 6028
- and dextrose injection, lactated, 6025
- and dextrose injection, modified lactated, 6030
- injection, 6019
- injection, lactated, 6023

- irrigation, 6032
- lactated, and dextrose injection, potassium chloride in, 5769

Risedronate sodium, 6033

- tablets, 6035

Risperidone, 6036

- oral solution, 6038
- tablets, 6039
- orally disintegrating tablets, 6041

Ritodrine hydrochloride, 6042

- injection, 6043
- tablets, 6044

Ritonavir, 6044

- capsules, 6047
- and lopinavir oral solution, 4886
- and lopinavir tablets, 4890
- oral solution, 6050
- tablets, 6054

Rivastigmine, 6056

Rivastigmine tartrate, 6058

- capsules, 6059

Rizatriptan benzoate, 6061

- tablets, 6062
- orally disintegrating tablets, 6064

Rocuronium bromide, 6066

Ropinirole

- tablets, 6068
- extended-release tablets, 6070

Ropinirole hydrochloride, 6073

Ropivacaine hydrochloride, 6076

- injection, 6078

Rose

- bengal sodium, 2386
- bengal sodium I 131 injection, 4639
- oil, 7866
- water ointment, 6079
- water, stronger, 7866

Rosiglitazone maleate, 6080

Roxarsone, 6081

Rubidium chloride Rb 82 injection, 6082

Rufinamide, 6083

- tablets, 6084

Rules and procedures, xxix

Ruthenium red, 2386

- TS, 2420

Rutin, 7164

S

Sabinene, 2386

Saccharin, 7866

- calcium, 6087
- sodium, 6088
- sodium oral solution, 6090
- sodium tablets, 6090

Saccharose, 2386

Safflower oil, 6091

Safranin O, 2386

St. John's wort flowering top, 7166

- dry extract capsules, 7172
- extract, dry, 7169
- powder, 7168
- dry extract tablets, 7173

Salicylaldazine, 2387

Salicylaldehyde, 2387

Salicylamide, 6092

Salicylic acid, 2387, 6093

- and benzoic acids ointment, 2984
- collodion, 6094
- gel, 6095
- plaster, 6095

- Salicylic acid (*continued*)
 topical foam, 6095
 and zinc paste, 6754
- Saline TS, 2391, 2420
 pyrogen-free, 2420
- Salmeterol
 fluticasone propionate, inhalation aerosol, 4303
 fluticasone propionate, inhalation powder, 4309
 inhalation powder, 6096
- Salmeterol xinafoate, 6101
- Salsalate, 6102
 capsules, 6104
 tablets, 6105
- Salt
 octanesulfonic acid sodium, 2375, 2393
- Salts of organic nitrogenous bases (501), 392
- Samarium Sm 153 leixidronam injection, 6106
- Sand
 standard 20- to 30-mesh, 2387, 2395
 washed, 2387, 2405
- Saquinavir mesylate, 6106
 capsules, 6107
- Sargramostim, 6108
 for injection, 6110
- Sawdust, purified, 2387
- Saw palmetto, 7175
 capsules, 7181
 extract, 7179
 powdered, 7177
- Scaffold
 bovine dermis, 6113
 human dermis, 6115
 porcine bladder, 6119
 silk fibroin, 6123
- Scandium oxide, 2387
- Scanning electron microscopy (1181), 1641
- Schizochytrium oil, 7189
 capsules, 7191
- Schweitzer's reagent, 2420
- Scopolamine hydrobromide, 6127
 injection, 6128
 ophthalmic solution, 6128
 tablets, 6129
- S designations, 2386
- Secobarbital, 6129
 sodium, 6129
 sodium capsules, 6131
 sodium injection, 6132
 sodium for injection, 6132
 sodium and amobarbital sodium capsules, 6133
- Secondary butyl alcohol, 2387
- Selamectin, 6133
- Selegiline hydrochloride, 6135
 capsules, 6136
 tablets, 6137
- Selegiline hydrochloride compounded
 topical gel, 6138
- Selenious acid, 2387, 6139
 injection, 6139
- Selenium, 2387
 sulfide, 6140
 sulfide topical suspension, 6140
- Selenomethionine, 2387, 7194
- Semisolid drug products—performance tests (1724), 2055
- Senna
 fluidextract, 6142
 leaf, 6141
 pods, 6142
 oral solution, 6143
- Sennosides, 6143
 tablets, 6145
- Sensitization testing (1184), 1651
- Serine, 6146
- Sertraline
 hydrochloride, 6146
 hydrochloride oral solution, 6149
 hydrochloride tablets, 6150
- Sesame oil, 7868
- Sevoflurane, 6152
- Shear cell methodology for powder flow testing (1063), 1175
- Shellac, 7869
- Sibutramine hydrochloride, 6154
- Significant change guide for bulk pharmaceutical excipients (1195), 1667
- Sildenafil
 tablets, 6156
- Sildenafil citrate, 6157
 oral suspension, 6159
- Silica
 calcined diatomaceous, 2387
 chromatographic, silanized, flux-calcined, acid-washed, 2387
 colloidal, hydrophobic, 7872
 dental-type, 7871
 gel, 2387
 gel, binder-free, 2347, 2388
 gel, chromatographic, 2347, 2388
 gel-impregnated glass microfiber sheet, 2388
 gel mixture, chromatographic, 2347, 2388
 gel mixture, chromatographic, with chemically bound amino groups, 2388
 gel mixture, dimethylsilanized, chromatographic, 2388
 gel mixture, octadecylsilanized chromatographic, 2388
 gel mixture, octylsilanized, chromatographic, 2388
 gel, octadecylsilanized chromatographic, 2388
 gel, porous, 2388
 microspheres, 2388
- Siliceous earth
 chromatographic, 2347, 2388
 chromatographic, silanized, 2347, 2388
 purified, 7873
- Silicic
 acid, 2388
 acid—impregnated glass microfilament sheets with fluorescent indicator, 2388
- Silicon
 carbide, 2388
 dioxide, 7873
 dioxide colloidal, 7874
- Silicone
 75 percent phenyl, methyl, 2388
- Silicotungstic acid, *n*-hydrate, 2389
- Silicified
 microcrystalline cellulose, 7591
- Silver
 diethyldithiocarbamate, 2389
 diethyldithiocarbamate TS, 2420
 nitrate, 2389, 6159
 nitrate ophthalmic solution, 6160
 nitrate, tenth-normal (0.1 N), 2420, 2432
 nitrate, toughened, 6160
 nitrate TS, 2420
 oxide, 2389
- Silver—ammonia—nitrate TS, 2420
- Silver—ammonium nitrate TS, 2420
- Silver nitrate
 0.002 N VS, 2432
 0.05 N VS, 2432
- Silver sulfate, 2389
- Simethicone, 6160
 alumina, magnesia, and calcium carbonate chewable tablets, 2664
 alumina and magnesia oral suspension, 2666
 alumina and magnesia chewable tablets, 2668
 calcium carbonate and magnesia chewable tablets, 3131
 capsules, 6161
 emulsion, 6162
 and magaldrate chewable tablets, 4933
 and magaldrate oral suspension, 4932
 oral suspension, 6163
 tablets, 6163
- Simulated gastric fluid TS, 2420
- Simulated intestinal fluid TS, 2420
- Simvastatin, 6164
 tablets, 6165
- Single-steroid assay (511), 400
- Sipuleucel-T, 6167
- Sisomicin sulfate, 6169
 injection, 6169
- Sitagliptin
 phosphate, 6171
 tablets, 6169
- β -Sitosterol, 2389
- Six-month implementation guideline, ii
- Sm 153 leixidronam injection, samarium, 6106
- Soda lime, 2389, 7874
- Sodium, 2389
 acetate, 2389, 6172
 acetate, anhydrous, 2333, 2389
 acetate injection, 6173
 acetate solution, 6173
 acetate TS, 2420
 alendronate, tablets, 2622
 alginate, 7875
 alizarinsulfonate, 2389
 alizarinsulfonate TS, 2420
 aminoacetate TS, 2420
 ammonium phosphate, 2389
 arsenate, 2389
 arsenite, 2389
 arsenite, twentieth-molar (0.05 M), 2432
 ascorbate, 6174
 azide, 2390
 benzoate, 7876
 benzoate and caffeine injection, 3109
 bicarbonate, 2390, 6174
 bicarbonate injection, 6178
 bicarbonate and magnesium carbonate for oral suspension, 4937
 bicarbonate oral powder, 6178
 bicarbonate tablets, 6178
 biphenyl, 2390
 biphosphate, 2390
 bisulfite, 2390
 bisulfite TS, 2420
 bitartrate, 2390
 bitartrate TS, 2421
 borate, 2390, 7877
 borohydride, 2390
 bromide, 2391, 6178
 bromide injection, veterinary, 6179
 bromide oral solution, veterinary, 6180
 butyrate, 6180
 caprylate, 7877
 carbonate, 2391, 7878
 carbonate, anhydrous, 2333, 2391
 carbonate, citric acid, and magnesium oxide irrigation, 3458
 carbonate, monohydrate, 2391

Sodium (*continued*)

- carbonate TS, 2421
- carboxymethylcellulose, 3207
- carboxymethylcellulose, and microcrystalline cellulose, 7591
- carboxymethylcellulose, paste, 3207
- carboxymethylcellulose, tablets, 3208
- 12, carboxymethylcellulose, 7580
- cefazolin, 3252
- cefmetazole, 3271
- cefoperazone, 3274
- cefotaxime, 3279
- cetostearyl sulfate, 7879
- chloride, 2391, 6181
- chloride and dextrose injection, 3709
- chloride and fructose injection, 4344
- chloride inhalation solution, 6185
- chloride injection, 6183
- chloride injection, bacteriostatic, 6183
- chloride injection, dextran 40 in, 3697
- chloride injection, dextran 70 in, 3701
- chloride injection, mannitol in, 4963
- chloride injection, potassium chloride in, 5772
- chloride injection, potassium chloride in dextrose injection and, 5767
- chloride injection, ranitidine in, 5978
- chloride irrigation, 6184
- chloride ophthalmic ointment, 6184
- chloride ophthalmic solution, 6185
- chloride solution, isotonic, 2391
- chloride tablets, 6185
- chloride tablets for solution, 6186
- chloride TS, alkaline, 2421
- cholate hydrate, 2391
- chromate, 2391
- chromate, Cr 51 injection, 3407
- chromotropate, 2391
- cilastatin, 3417
- citrate, 6186
- citrate and citric acid oral solution, 6186
- citrate dihydrate, 2391
- citrate TS, 2421
- citrate TS, alkaline, 2421
- cobaltinitrite, 2391
- cobaltinitrite TS, 2421
- cyanide, 2391
- dalteparin, 3628
- 1-decanesulfonate, 2391
- dehydroacetate, 7881
- desoxycholate, 2391
- dichromate, 2391
- diethyldithiocarbamate, 2391
- 2,2-dimethyl-2-silapentane-5-sulfonate, 2391
- dithionite, 2391
- dodecyl sulfate, 2391, 2392
- ethylparaben, 7662
- ferrocyanide, 2391
- fluconazole, chloride injection, 4216
- fluorescein, 2391
- fluoride, 2391, 6188
- fluoride and acidulated phosphate topical solution, 6190
- fluoride F18 injection, 4251
- fluoride and phosphoric acid gel, 6191
- fluoride oral solution, 6189
- fluoride tablets, 6190
- fluoride TS, 2421
- formaldehyde sulfoxylate, 7881
- gluconate, 6192
- glycocholate, 2391
- 1-heptanesulfonate, 2392
- 1-heptanesulfonate, monohydrate, 2392
- 1-hexanesulfonate, 2392
- 1-hexanesulfonate, monohydrate, 2392
- hydrogen sulfate, 2392
- hydrosulfite, 2391, 2392
- hydrosulfite TS, alkaline, 2412, 2421
- hydroxide, 2392, 7882
- hydroxide, alcoholic, tenth-normal (0.1 N), 2433
- hydroxide, normal (1 N), 2432
- hydroxide TS, 2421
- hydroxide TS 2, 2421
- hydroxide TS 3, 2421
- hypobromite TS, 2421
- hypochlorite solution, 2392, 2421, 6192
- hypochlorite topical solution, 6193
- hypochlorite TS, 2421
- iodate, 2392
- iodide, 6193
- iodide I 123 capsules, 4635
- iodide I 123 solution, 4636
- iodide I 131 capsules, 4640
- iodide I 131 solution, 4640
- iodohydroxyquinolinesulfonate TS, 2421
- lactate injection, 6194
- lactate solution, 6194
- lauryl sulfate, 2392, 7883
- low-substituted carboxymethylcellulose, 7578
- metabisulfite, 2392, 7884
- metaperiodate, 2392
- methoxide, 2392
- methoxide, half-normal (0.5 N) in methanol, 2433
- methoxide, tenth-normal (0.1 N) in toluene, 2433
- molybdate, 2393
- monofluorophosphate, 6195
- montelukast, oral granules, 5220
- montelukast, tablets, 5222
- montelukast, chewable tablets, 5225
- mycophenolate, 5256
- nitrate, 2393
- nitrite, 2393, 6196
- nitrite injection, 6196
- nitrite, tenth-molar (0.1 M), 2433
- nitroferrocyanide, 2393
- nitroferrocyanide TS, 2421
- nitroprusside, 6196
- nitroprusside for injection, 6197
- 1-octanesulfonate, 2393
- oxalate, 2393
- (tri) pentacyanoamino ferrate, 2393
- 1-pentanesulfonate, 2377, 2393
- 1-pentanesulfonate, anhydrous, 2393
- perchlorate, 2393
- peroxide, 2393
- pertechnetate Tc 99m injection, 6346
- phenylbutyrate, 6198
- phenylbutyrate oral suspension, 6200
- phosphate, dibasic, 2393, 6200
- phosphate, dibasic, anhydrous, 2333, 2393
- phosphate, dibasic, dihydrate, 2393
- phosphate, dibasic, dodecahydrate, 2393
- phosphate, dibasic, heptahydrate, 2393
- phosphate, dibasic, TS, 2421
- phosphate, monobasic, 2372, 2393, 6201
- phosphate, monobasic, anhydrous, 2393
- phosphate, monobasic, dihydrate, 2393
- phosphate P 32 solution, 5699
- phosphates injection, 6202
- phosphates oral solution, 6202
- phosphates rectal solution, 6203
- phosphate, tribasic, 2393, 7885
- phosphite pentahydrate, 2393
- phosphotungstate TS, 2421
- picosulfate, 6203
- polystyrene sulfonate, 6204
- polystyrene sulfonate suspension, 6205
- and potassium bicarbonates and citric acid effervescent tablets for oral solution, 5759
- propionate, 7886
- pyrophosphate, 2393
- pyruvate, 2393
- rabeprazole, 5961
- salicylate, 2394, 6205
- salicylate tablets, 6207
- selenite, 2394
- starch glycolate, 7886
- stearate, 7887
- stearyl fumarate, 7889
- sulfate, 2394, 6208
- sulfate, anhydrous, 2333, 2394
- sulfate decahydrate, 2394
- sulfate injection, 6208
- sulfide, 2394, 6208
- sulfide topical gel, 6209
- sulfide TS, 2421
- sulfite, 2394, 7891
- sulfite, anhydrous, 2333, 2394
- p-sulfophenylazochromotropate, 2394
- tartrate, 2394, 7892
- tartrate TS, 2421
- tetraphenylborate, 2394
- tetraphenylboron, 2394
- tetraphenylboron, fiftieth-molar (0.02 M), 2434
- tetraphenylboron TS, 2421
- thioglycolate, 2394
- thioglycolate TS, 2421
- thiosulfate, 2395, 6209
- thiosulfate injection, 6210
- thiosulfate, tenth-normal (0.1 N), 2421, 2434
- thiosulfate TS, 2421
- L-thyroxine, 2395
- 3-(trimethylsilyl)-1-propane sulfonate, 2391, 2395
- tungstate, 2395
- Sodium 1-dodecanesulfonate, 2391
- Sodium ferrous citrate, 7195
- Sodium hydroxide
 - 0.0025 N TS, 2421
 - 0.2 N, TS, 2421
 - 0.02 N TS, 2421
 - 10 N TS, 2421
 - 2.5 N TS, 2421
 - 2 N TS, 2421
 - 5 N, TS, 2421
 - 0.1 N VS, 2433
- Sodium phenylbutyrate, 6198
- Sodium succinate, 7890
- Solubilities, 2513
- Soluble starch, 2395

Solution

- Acetaminophen and codeine phosphate oral, 2564
- Acetaminophen, dextromethorphan hydrobromide, doxylamine succinate, and pseudoephedrine hydrochloride oral, 2567
- Acetaminophen for effervescent oral, 2545
- Acetaminophen oral, 2545
- Acetic acid otic, 2581
- Acetylcholine chloride for ophthalmic, 2585
- Acetylcysteine, 2586

Solution (continued)

- Acidulated phosphate and sodium fluoride topical, 6190
- Aluminum acetate topical, 2674
- Aluminum chlorohydrate, 2676
- Aluminum dichlorohydrate, 2679
- Aluminum sesquichlorohydrate, 2685
- Aluminum subacetate topical, 2686
- Aluminum sulfate and calcium acetate for topical, 2687
- Aluminum sulfate and calcium acetate tablets for topical, 2688
- Aluminum zirconium octachlorohydrate, 2690
- Aluminum zirconium octachlorohydrate gly, 2692
- Aluminum zirconium pentachlorohydrate, 2694
- Aluminum zirconium pentachlorohydrate gly, 2696
- Aluminum zirconium tetrachlorohydrate, 2698
- Aluminum zirconium tetrachlorohydrate gly, 2700
- Aluminum zirconium trichlorohydrate, 2702
- Aluminum zirconium trichlorohydrate gly, 2704
- Amantadine hydrochloride oral, 2707
- Aminobenzoate potassium for oral, 2723
- Aminobenzoic acid topical, 2727
- Aminocaproic acid oral, 2728
- Aminophylline oral, 2739
- Aminophylline rectal, 2741
- Ammonia, diluted, 2332
- Ammonia, strong, 7513
- Amprolium oral, 2815
- Anticoagulant citrate dextrose, 2832
- Anticoagulant citrate phosphate dextrose, 2833
- Anticoagulant citrate phosphate dextrose adenine, 2834
- Anticoagulant heparin, 4474
- Anticoagulant sodium citrate, 2836
- Antipyrine and benzocaine otic, 2838
- Antipyrine, benzocaine, and phenylephrine hydrochloride otic, 2839
- Apraclonidine ophthalmic, 2844
- Aromatic elixir, 7521
- Ascorbic acid oral, 2867
- Aspirin effervescent tablets for oral, 2876
- Atenolol oral, 2888
- Atropine sulfate ophthalmic, 2908
- Benoxinate hydrochloride ophthalmic, 2965
- Benzaldehyde elixir, compound, 7530
- Benzalkonium chloride, 7533
- Benzethonium chloride topical, 2967
- Benzocaine, butamben, and tetracaine hydrochloride topical, 2981
- Benzocaine otic, 2976
- Benzocaine topical, 2977
- Betamethasone oral, 3000
- Betaxolol ophthalmic, 3016
- Bethanechol chloride oral, 3020
- Bromodiphenhydramine hydrochloride and codeine phosphate oral, 3057
- Bromodiphenhydramine hydrochloride oral, 3056
- Brompheniramine maleate and pseudoephedrine sulfate oral, 3060
- Brompheniramine maleate oral, 3059
- Buprenorphine compounded buccal, veterinary, 3069
- Butabarbital sodium oral, 3087
- Butorphanol tartrate nasal, 3101
- Caffeine citrate oral, 3108
- Calcitonin salmon nasal, 3119
- Calcium hydroxide topical, 3143
- Captopril oral, 3174
- Carbachol intraocular, 3178
- Carbachol ophthalmic, 3178
- Carbamide peroxide topical, 3186
- Carbol-fuchsin topical, 3198
- C 13 for oral, urea, 3200
- Carteolol hydrochloride ophthalmic, 3222
- Cefazolin ophthalmic, 3252
- Cetylpyridinium chloride topical, 3344
- Chloral hydrate oral, 3346
- Chloramphenicol for ophthalmic, 3350
- Chloramphenicol ophthalmic, 3350
- Chloramphenicol oral, 3351
- Chloramphenicol otic, 3351
- Chlorhexidine gluconate, 3367
- Chlorpheniramine maleate and pseudoephedrine hydrochloride oral, 3390
- Chlorpheniramine maleate oral, 3388
- Cholecalciferol, 3403
- Chymotrypsin for ophthalmic, 3409
- Ciprofloxacin ophthalmic, 3431
- Clindamycin hydrochloride oral, 3479
- Clindamycin palmitate hydrochloride for oral, 3480
- Clindamycin phosphate topical, 3483
- Clobetasol propionate topical, 3493
- Clotrimazole topical, 3527
- Cloxacillin sodium for oral, 3535
- Coal tar topical, 3538
- Cyanocobalamin Co 57 oral, 3539
- Cocaine hydrochloride tablets for topical, 3542
- Cocaine and tetracaine hydrochlorides and epinephrine topical, 3542
- Codeine sulfate oral, 3550
- Cromolyn sodium ophthalmic, 3590
- Cupriethylenediamine hydroxide, 1.0 M, 2349
- Cyclopentolate hydrochloride ophthalmic, 3606
- Cyclosporine oral, 3616
- Cyproheptadine hydrochloride oral, 3619
- Demecarium bromide ophthalmic, 3644
- Dexamethasone elixir, 3671
- Dexamethasone oral, 3674
- Dexamethasone sodium phosphate ophthalmic, 3682
- Dexbrompheniramine maleate and pseudoephedrine sulfate oral, 3684
- Dexchlorpheniramine maleate oral, 3687
- Dextromethorphan hydrobromide oral, 3707
- Diatrizoate meglumine and diatrizoate sodium, 3713
- Diatrizoate sodium, 3715
- Dichlorophenol-indophenol, standard, 2425
- Dicyclomine hydrochloride oral, 3744
- Diethyltoluamide topical, 3757
- Digoxin oral, 3768
- Dihydrotachysterol oral, 3774
- Diltiazem hydrochloride oral, 3784
- Dimenhydrinate oral, 3789
- Dimethyl sulfoxide topical, 3793
- Diphenhydramine hydrochloride oral, 3806
- Diphenoxylate hydrochloride and atropine sulfate oral, 3815
- Dipivefrin hydrochloride ophthalmic, 3819
- Docusate sodium, 3853
- Dolasetron mesylate oral, 3858
- Dorzolamide hydrochloride and timolol maleate ophthalmic, 3869
- Doxepin hydrochloride oral, 3879
- Doxylamine succinate oral, 3906
- Dyclonine hydrochloride topical, 3927
- Dyphylline and guaifenesin oral, 3931
- Dyphylline oral, 3930
- Ecamsule, 3933
- Echothiophate iodide for ophthalmic, 3936
- Emedastine ophthalmic, 3966
- Ephedrine sulfate oral, 3998
- Epinephrine bitartrate for ophthalmic, 4004
- Epinephrine bitartrate ophthalmic, 4003
- Epinephrine ophthalmic, 4001
- Epinephryl borate ophthalmic, 4004
- Ergocalciferol oral, 4014
- Ergoloid mesylates oral, 4017
- Erythromycin topical, 4036
- Escitalopram oral, 4050
- Ethosuximide oral, 4106
- Fehling's, 2415
- Ferric ammonium citrate for oral, 2777
- Ferric subsulfate, 4166
- Ferrous gluconate oral, 4174
- Ferrous sulfate oral, 4177
- Fluocinolone acetonide topical, 4241
- Fluocinonide topical, 4244
- Fluorescein sodium and benoxinate hydrochloride ophthalmic, 4248
- Fluorescein sodium and proparacaine hydrochloride ophthalmic, 4249
- Fluorouracil topical, 4259
- Fluoxetine oral, 4262
- Fluphenazine hydrochloride elixir, 4271
- Fluphenazine hydrochloride oral, 4273
- Flurbiprofen sodium ophthalmic, 4282
- Formaldehyde, 2360, 2415, 4330
- Furosemide oral, 4349
- Gentamicin sulfate and betamethasone acetate ophthalmic, 4393
- Gentamicin sulfate and betamethasone valerate otic, 4395
- Gentamicin topical, 4396
- Gentamicin sulfate ophthalmic, 4393
- Gentian violet topical, 4400
- Glutaral disinfectant, 7678
- Glycerin ophthalmic, 4423
- Glycerin oral, 4423
- Guaifenesin and codeine phosphate oral, 4453
- Guaifenesin oral, 4452
- Halazone tablets for, 4463
- Halcinonide topical, 4467
- Haloperidol oral, 4470
- Heparin lock flush, 4474
- Homatropine hydrobromide ophthalmic, 4488
- Hydralazine hydrochloride oral, 4494
- Hydrocortisone and acetic acid otic, 4510
- Hydrogen peroxide, 2363
- Hydrogen peroxide topical, 4525
- Hydroquinone topical, 4531
- Hydroxyamphetamine hydrobromide ophthalmic, 4534
- Hydroxyzine hydrochloride oral, 4541
- Hyoscyamine sulfate elixir, 4550
- Hyoscyamine sulfate oral, 4551
- Hypromellose ophthalmic, 4554
- Idoxuridine ophthalmic, 4567
- Indium In 111 chloride, 4589
- Indium In 111 oxyquinoline, 4591
- Iodine, strong, 4631
- Sodium iodide I 123, 4636
- Sodium iodide I 131, 4640

Solution (continued)

- Iodine topical, 4630
 Ipecac oral, 4669
 Isoniazid oral, 4694
 Isosorbide oral, 4707
 Ivermectin topical, 4736
 Lactulose, 4763
 Lead, standard, 2421
 Levalbuterol inhalation, 4801
 Levobunolol hydrochloride ophthalmic, 4820
 Levocarnitine oral, 4823
 Levofloxacin oral, 4833
 Lidocaine hydrochloride topical, 4851
 Lincomycin oral, 4856
 Lithium oral, 4870
 Locke-Ringer's, 2417
 Loperamide hydrochloride oral, 4881
 Loratadine oral, 4897
 Mafenide acetate for topical, 4928
 Magnesium carbonate and citric acid for oral, 4936
 Magnesium carbonate, citric acid, and potassium citrate for oral, 4937
 Manganese chloride for oral, 4958
 Magnesium citrate for oral, 4941
 Magnesium citrate oral, 4940
 Maltitol, 7747
 Meperidine hydrochloride oral, 5009
 Mesoridazine besylate oral, 5036
 Metaproterenol sulfate oral, 5042
 Methadone hydrochloride oral, 5062
 Methdilazine hydrochloride oral, 5068
 Methenamine mandelate for oral, 5073
 Methenamine oral, 5070
 Methoxsalen topical, 5089
 Methylcellulose ophthalmic, 5099
 Methylcellulose oral, 5099
 Metoclopramide oral, 5130
 Metoprolol tartrate oral, 5142
 Mibolerone oral, 5162
 Minoxidil topical, 5185
 Mometasone furoate topical, 5213
 Moxifloxacin ophthalmic, 5238
 Myrrh topical, 5260
 Nafcillin sodium for oral, 5268
 Naphazoline hydrochloride ophthalmic, 5281
 Naphazoline hydrochloride and pheniramine maleate ophthalmic, 5281
 Neomycin and polymyxin B sulfates and gramicidin ophthalmic, 5320
 Neomycin and polymyxin B sulfates and hydrocortisone otic, 5321
 Neomycin and polymyxin B sulfates for irrigation, 5312
 Neomycin and polymyxin B sulfates ophthalmic, 5313
 Neomycin sulfate and dexamethasone sodium phosphate ophthalmic, 5304
 Neomycin sulfate oral, 5302
 Nickel standard TS, 2418
 Nitrofurazone topical, 5369
 Nitromersol topical, 5373
 Norfloxacin ophthalmic, 5390
 Nortriptyline hydrochloride oral, 5398
 Ofloxacin ophthalmic, 5413
 Opatadine hydrochloride ophthalmic, 5426
 Ondansetron, oral, 5444
 Oral, containing at least three of the following—acetaminophen and (salts of) chlorpheniramine, dextromethorphan, and pseudoephedrine, 2557
 Oxacillin sodium for oral, 5472
 Oxtriphylline oral, 5500
 Oxybutynin chloride oral, 5504
 Oxycodone hydrochloride oral, 5512
 Oxymetazoline hydrochloride ophthalmic, 5524
 Papain tablets for topical, 5569
 Paromomycin oral, 5578
 Penicillin G potassium for oral, 5605
 Penicillin V potassium for oral, 5622
 Perphenazine oral, 5651
 Phenobarbital oral, 5664
 Phenol, topical, camphorated, 5668
 Phenylephrine hydrochloride ophthalmic, 5684
 Phosphate P 32, sodium, 5699
 Physostigmine salicylate ophthalmic, 5700
 Pilocarpine hydrochloride ophthalmic, 5706
 Pilocarpine nitrate ophthalmic, 5708
 Podophyllum resin topical, 5744
 Polyethylene glycol 3350 and electrolytes for oral, 5748
 Polymyxin B sulfate and hydrocortisone otic, 5753
 Polymyxin B sulfate and trimethoprim ophthalmic, 5754
 Potassium bicarbonate effervescent tablets for oral, 5758
 Potassium bicarbonate and potassium chloride for effervescent oral, 5758
 Potassium bicarbonate and potassium chloride effervescent tablets for oral, 5759
 Potassium bicarbonate, potassium chloride, and potassium citrate effervescent tablets for oral, 5769
 Potassium bromide oral, veterinary, 5762
 Potassium chloride for oral, 5765
 Potassium chloride oral, 5765
 Potassium citrate and citric acid oral, 5776
 Potassium gluconate and potassium chloride for oral, 5780
 Potassium gluconate and potassium chloride oral, 5780
 Potassium gluconate, potassium citrate, and ammonium chloride oral, 5781
 Potassium gluconate and potassium citrate oral, 5781
 Potassium gluconate oral, 5778
 Potassium iodide oral, 5783
 Potassium nitrate, 5785
 Potassium and sodium bicarbonates and citric acid effervescent tablets for oral, 5759
 Povidone-iodine cleansing, 5793
 Povidone-iodine topical, 5794
 Prednisolone oral, 5813
 Prednisolone sodium phosphate compounded oral, 5818
 Prednisolone sodium phosphate ophthalmic, 5820
 Prednisone oral, 5823
 Prochlorperazine oral, 5846
 Promazine hydrochloride oral, 5861
 Promethazine and phenylephrine hydrochloride and codeine phosphate oral, 5872
 Promethazine and phenylephrine hydrochloride oral, 5869
 Promethazine hydrochloride oral, 5865
 Proparacaine hydrochloride ophthalmic, 5885
 Protein standard (8 g/dL), 2383
 Pseudoephedrine hydrochloride, carbinoxamine maleate, and dextromethorphan hydrobromide oral, 5910
 Pseudoephedrine hydrochloride oral, 5907
 Pyridostigmine bromide oral, 5923
 Ranitidine oral, 5976
 Reserpine oral, 5988
 Risperidone oral, 6038
 Saccharin sodium oral, 6090
 Scopolamine hydrobromide ophthalmic, 6128
 Senna oral, 6143
 Silver nitrate ophthalmic, 6160
 Sodium acetate, 6173
 Sodium bromide oral, veterinary, 6180
 Sodium chloride, isotonic, 2391
 Sodium chloride ophthalmic, 6185
 Sodium chloride tablets for, 6186
 Sodium citrate and citric acid oral, 6186
 Sodium fluoride and acidulated phosphate topical, 6190
 Sodium fluoride oral, 6189
 Sodium hypochlorite, 2392, 2421, 6192
 Sodium hypochlorite topical, 6193
 Sodium lactate, 6194
 Sodium phosphate P 32, 5699
 Sodium phosphates oral, 6202
 Sodium phosphates rectal, 6203
 Sorbitol, 6213
 Sorbitol noncrystallizing, 7900
 Sorbitol sorbitan, 7901
 Stavudine for oral, 6231
 Sulfacetamide sodium ophthalmic, 6251
 Sulfaquinoxaline oral, 6275
 Suprofen ophthalmic, 6295
 Terpin hydrate and codeine oral, 6383
 Terpin hydrate oral, 6383
 Tetracaine hydrochloride ophthalmic, 6396
 Tetracaine hydrochloride topical, 6397
 Tetracycline hydrochloride for topical, 6406
 Tetrahydrozoline hydrochloride ophthalmic, 6412
 Tetramethylammonium hydroxide, in methanol, 2399
 Theophylline and guaifenesin oral, 6426
 Theophylline oral, 6420
 Theophylline sodium glycinate oral, 6427
 Thiamine hydrochloride oral, 6431
 Thiamine mononitrate oral, 6434
 Thimerosal topical, 6440
 Thioridazine hydrochloride oral, 6447
 Thiothixene hydrochloride oral, 6454
 Timolol maleate ophthalmic, 6480
 Tobramycin ophthalmic, 6499
 Tolnaftate topical, 6518
 Travoprost ophthalmic, 6548
 Tretinoin topical, 6556
 Triamcinolone diacetate oral, 6566
 Tricitrates oral, 6577
 Trifluoperazine oral, 6584
 Trihexyphenidyl hydrochloride oral, 6591
 Trikates oral, 6593
 Trimeprazine oral, 6594
 Triprolidine hydrochloride oral, 6604
 Triprolidine and pseudoephedrine hydrochlorides oral, 6606
 Tropicamide ophthalmic, 6612
 Valproic acid oral, 6646
 Valrubicin intravesical, 6648
 Vancomycin hydrochloride for oral, 6660
 Vehicle for oral, 7788
 Vehicle for oral, sugar free, 7788
 Verapamil hydrochloride oral, 6677

Solution (continued)

Vitamins with minerals, water-soluble oral, 7443
 Vitamins with minerals, oil- and water-soluble oral, 7361
 Vitamins, oil- and water-soluble oral, 7309
 Xanthan gum, 7966
 Zidovudine oral, 6741
 Zinc sulfate ophthalmic, 6757
 Zinc sulfate oral, 6757

Solutions

reagents, and indicators, 2323
 Solvent hexane, 2395
 Somatropin, 6210
 for injection, 6212
 Somatropin bioidentity tests (126), 214
 Sorbic acid, 7893
 Sorbitan
 monolaurate, 7893
 monooleate, 7894
 monopalmitate, 7895
 monostearate, 7896
 sesquioleate, 7897
 sorbitol, solution, 7901
 trioleate, 7898
 Sorbitol, 2395, 7899
 solution, 6213
 solution noncrystallizing, 7900
 sorbitan solution, 7901
 Sotalol hydrochloride, 6214
 oral suspension, 6216
 tablets, 6217
 Soybean oil, 6217
 hydrogenated, 7903
 Soy isoflavones
 capsules, 7198
 powdered extract, 7196
 tablets, 7200
 Spacers and valved holding chambers used with inhalation aerosols—characterization tests (1602), 1988
 Specific gravity (841), 768
 Specific surface area (846), 769
 Spectinomycin
 hydrochloride, 6219
 for injectable suspension, 6220
 Spectrophotometric identification tests (197), 255
 Spironolactone, 6221
 and hydrochlorothiazide oral suspension, 6223
 and hydrochlorothiazide tablets, 6224
 tablets, 6223
 Spironolactone compounded
 oral suspension, 6221
 Spironolactone compounded, veterinary
 oral suspension, 6222
 Spirulina, 7201
 tablets, 7205
 Squalane, 7904
 Sr 89 injection, strontium chloride, 6235
 Stability considerations in dispensing practice (1191), 1662
 Stachyose hydrate, 2395
 Standard sand, 20- to 30-mesh, 2395
 Stannous
 chloride, 2395, 7905
 chloride acid, stronger, TS, 2412, 2421
 chloride acid TS, 2412, 2421
 fluoride, 6225
 fluoride gel, 6226

Stanozolol, 6227
 tablets, 6227
 Starch
 corn, 7906
 corn, pregelatinized hydroxypropyl, 7909
 hydrolysate, hydrogenated, 7911
 hydroxypropyl corn, 7908
 iodate paper, 2409
 iodide-free TS, 2422
 iodide paper, 2409
 iodide paste TS, 2422
 modified, 7914
 pea, 7915
 pea, pregelatinized hydroxypropyl, 7918
 potassium iodide TS, 2422
 potassium iodide and, TS, 2420
 potato, 2383, 2395, 7920
 potato, pregelatinized hydroxypropyl, 7923
 pregelatinized, 7925
 pregelatinized modified, 7926
 sodium, glycolate, 7886
 soluble, 2395
 soluble, purified, 2395
 tapioca, 7928
 topical, 6228
 TS, 2421
 wheat, 7928
 Stavudine, 6229
 capsules, 6230
 for oral solution, 6231
 Steam, pure, 6719
 Steam sterilization by direct contact (1229.1), 1812
 Stearic acid, 2395, 7930
 purified, 7932
 Stearoyl polyoxylglycerides, 7933
 Stearyl alcohol, 2395, 7934

Sterile

Erythromycin ethylsuccinate, 4043
 Erythromycin gluceptate, 4047
 Erythromycin lactobionate, 4048
 Pharmaceutical compounding—sterile preparations (797), 683
 Sterile product packaging—integrity evaluation (1207), 1700
 Sterility testing—validation of isolator systems (1208), 1739
 Sterilization and sterility assurance of compendial articles (1211), 1744
 Water, purified, 6719
 Water for inhalation, 6718
 Water for injection, 6718
 Water for irrigation, 6718

Sterile product packaging—integrity evaluation (1207), 1700

Sterility
 testing—validation of isolator systems (1208), 1739
 tests (71), 136
 Sterilization-in-place (1229.13), 1849
 Sterilization of compendial articles (1229), 1807
 Sterilization and sterility assurance of compendial articles (1211), 1744
 Sterilizing filtration of liquids (1229.4), 1824
 Stinging nettle, 7208
 extract, powdered, 7211

powdered, 7210
 Storax, 6232
 Streptomycin
 injection, 6234
 for injection, 6234
 sulfate, 6233
 Stronger
 ammonia water, 2395
 cupric acetate TS, 2422
 Strontium
 acetate, 2395
 chloride Sr 89 injection, 6235
 hydroxide, 2396
 Strychnine sulfate, 2396
 Styrene-divinylbenzene
 anion-exchange resin, 50- to 100-mesh, 2396
 cation-exchange resin, strongly acidic, 2396
 copolymer beads, 2396
 Subvisible particulate matter in therapeutic protein injections (787), 663
 Succinic acid, 2396, 7936
 Succinylcholine chloride, 6236
 injection, 6237
 Sucralfate, 6238
 tablets, 6239
 Sucralose, 7936
 Sucrose, 7938
 octaacetate, 7939
 palmitate, 7940
 stearate, 7941
 Sudan
 III, 2396
 III TS, 2422
 IV, 2396
 IV TS, 2422
 Sufentanil citrate, 6240
 injection, 6241
 Sugar
 compressible, 7943
 confectioner's, 7944
 free suspension structured vehicle, 7948
 injection, invert, 6241
 spheres, 7945
 Sulbactam
 and ampicillin for injection, 2813
 sodium, 6242
 Sulconazole nitrate, 6244
 Sulfa
 vaginal cream, triple, 6245
 vaginal inserts, triple, 6246
 Sulfabenzamide, 6246
 Sulfacetamide, 6247
 sodium, 6248
 sodium ophthalmic ointment, 6250
 sodium ophthalmic solution, 6251
 sodium and prednisolone acetate ophthalmic ointment, 6252
 sodium and prednisolone acetate ophthalmic suspension, 6253
 sodium topical suspension, 6251
 Sulfachlorpyridazine, 6254
 Sulfadiazine, 6255
 cream, silver, 6258
 silver, 6256
 sodium, 6259
 sodium injection, 6259
 tablets, 6256
 Sulfadimethoxine, 6260
 sodium, 6261
 soluble powder, 6260
 oral suspension, 6261
 tablets, 6261

Sulfadoxine, 6262
and pyrimethamine tablets, 6263
Sulfamerazine, 2396
Sulfamethazine, 6264
and chlortetracycline bisulfates soluble
powder, 3396
granulated, 6264
Sulfamethizole, 6265
oral suspension, 6266
tablets, 6266
Sulfamethoxazole, 6267
oral suspension, 6268
tablets, 6268
and trimethoprim injection, 6269
and trimethoprim oral suspension, 6270
and trimethoprim tablets, 6272
Sulfamic acid, 2396
Sulfanilamide, 2396
Sulfanilic
acid, 2396
acid, diazotized TS, 2422
acid TS, 2422
1-naphthylamine TS, 2422
 α -naphthylamine TS, 2422
Sulfapyridine, 6273
tablets, 6274
Sulfaquinoxaline, 6274
oral solution, 6275
Sulfasalazine, 6275
tablets, 6276
delayed-release tablets, 6277
Sulfatase enzyme preparation, 2396
Sulfate
acid, ferrous, TS, 2412, 2415
and chloride (221), 287
ferrous, TS, 2415
magnesium, TS, 2417
mercuric, TS, 2414, 2417
potassium, 2383
potassium, TS, 2420
in reagents, 2327
strychnine, 2396
Sulfathiazole, 6278
sodium, 2396
Sulfinpyrazone, 6278
capsules, 6279
tablets, 6280
Sulfisoxazole, 6280
acetyl, 6281
acetyl and erythromycin estolate oral
suspension, 4040
acetyl and erythromycin ethylsuccinate for
oral suspension, 4046
acetyl oral suspension, 6282
tablets, 6281
Sulfomolybdic acid TS, 2422
Sulfonic acid cation-exchange resin, 2396
2-(4-Sulfophenylazo)-1,8-dihydroxy-3,6-
naphthalenedisulfonic acid, trisodium salt,
2407, 2408
Sulfosalicylic acid, 2396
Sulfur, 2396
dioxide, 7946
dioxide detector tube, 2397
ointment, 6282
precipitated, 6282
and resorcinol topical suspension, 5994
sublimed, 6283
Sulfur dioxide (525), 401
Sulfuric acid, 2397, 7946
diluted, 2353, 2397
fluorometric, 2397
fuming, 2361, 2397
half-normal (0.5 N) in alcohol, 2434
nitrogen free, 2397

normal (1 N), 2434
phenylhydrazine, TS, 2419
TS, 2422
0.02 N TS, 2422
0.2 N TS, 2422
0.5 N TS, 2422
1 M TS, 2422
2 N TS, 2422
6 N TS, 2422
7 N TS, 2422
Sulfuric acid-formaldehyde TS, 2422
Sulfurous acid, 2397
Sulindac, 6283
tablets, 6284
Sulisobenzene, 6286
Sumatriptan, 6287
nasal spray, 6289
injection, 6288
succinate, 6292
succinate oral suspension, 6294
tablets, 6290
Sunflower oil, 2397, 7947
Supplemental information for articles of
botanical origin (2030), 2260
Supports for gas chromatography, 2397

Suppositories

Acetaminophen, 2546
Aminophylline, 2742
Aspirin, 2872
Bisacodyl, 3032
Chlorpromazine, 3391
Ergotamine tartrate and caffeine, 4026
Glycerin, 4423
Indomethacin, 4601
Miconazole nitrate vaginal, 5166
Morphine sulfate, 5235
Nystatin vaginal, 5402
Prochlorperazine, 5847
Progesterone vaginal, 5856
Promethazine hydrochloride, 5866
Thiethylperazine maleate, 6435

Suprofen, 6295
ophthalmic solution, 6295

Suspension

Acetaminophen and codeine phosphate
oral, 2565
Acetaminophen oral, 2547
Acetazolamide oral, 2579
Acyclovir oral, 2594
Albendazole oral, 2604
Allopurinol oral, 2634
Alprazolam oral, 2642
Alumina, magnesia, and calcium carbonate
oral, 2662
Alumina and magnesia oral, 2660
Alumina, magnesia, and simethicone oral,
2666
Alumina and magnesium carbonate oral,
2669
Alumina and magnesium trisilicate oral,
2672
Amoxicillin and clavulanate potassium for
oral, 2791
Amoxicillin for oral, 2789

Amoxicillin for injectable, 2788
Amoxicillin oral, 2788
Amoxicillin tablets for oral, 2790
Ampicillin for injectable, 2808
Ampicillin for oral, 2809
Ampicillin and probenecid for oral, 2811
Atenolol compounded oral, 2889
Atenolol compounded oral, veterinary,
2889
Atovaquone oral, 2900
Aurothioglucose injectable, 2911
Azathioprine oral, 2916
Azithromycin for oral, 2928
Baclofen oral, 2944
Barium sulfate, 2952
Barium sulfate for, 2953
Benazepril hydrochloride compounded
oral, veterinary, 2963
Betamethasone sodium phosphate and
betamethasone acetate injectable, 3010
Bethanechol chloride oral, 3021
Bisacodyl rectal, 3032
Bismuth subsalicylate oral, 3040
Brinzolamide ophthalmic, 3051
Calamine topical, 3110
Calamine topical, phenolated, 3111
Calcium carbonate oral, 3128
Calcium and magnesium carbonates oral,
3133
Captopril oral, 3175
Carbamazepine oral, 3181
Cefaclor for oral, 3238
Cefadroxil for oral, 3244
Cefdinir for oral, 3258
Cefixime for oral, 3266
Cefpodoxime proxetil for oral, 3293
Cefprozil for oral, 3297
Cefuroxime axetil for oral, 3311
Cellulose sodium phosphate for oral, 3317
Cephalexin for oral, 3319
Cephadrine for oral, 3330
Chloramphenicol and hydrocortisone
acetate for ophthalmic, 3352
Chloramphenicol palmitate oral, 3353
Chlorothiazide oral, 3380
Cholestyramine for oral, 3405
Chromic phosphate P 32, 5698
Ciclopriox olamine topical, 3414
Ciprofloxacin and dexamethasone otic,
3436
Clarithromycin for oral, 3463
Clavulanate potassium and amoxicillin for
oral, 2791
Clindamycin phosphate topical, 3484
Clonazepam oral, 3505
Clopidogrel compounded oral, 3517
Colectipol hydrochloride for oral, 3555
Colistin and neomycin sulfates and
hydrocortisone acetate otic, 3558
Colistin sulfate for oral, 3558
Cortisone acetate injectable, 3583
Demeclocycline oral, 3645
Desoxycorticosterone pivalate injectable,
3669
Dexamethasone acetate injectable, 3676
Dexamethasone ophthalmic, 3673
Diazoxide oral, 3722
Dicloxacillin sodium for oral, 3742
Didanosine tablets for oral, 3750
Diltiazem hydrochloride oral, 3785
Dipyridamole oral, 3821
Dolasetron mesylate oral, 3858
Doxycycline calcium oral, 3894
Doxycycline compounded oral, veterinary,
3895

Suspension (continued)

Doxycycline for oral, 3892
 Enalapril maleate compounded oral, veterinary, 3970
 Erythromycin estolate for oral, 4040
 Erythromycin estolate oral, 4039
 Erythromycin estolate and sulfisoxazole acetyl oral, 4040
 Erythromycin ethylsuccinate for oral, 4044
 Erythromycin ethylsuccinate oral, 4043
 Erythromycin ethylsuccinate and sulfisoxazole acetyl for oral, 4046
 Estrone injectable, 4086
 Famotidine for oral, 4139
 Ferumoxsil oral, 4182
 Flucytosine oral, 4223
 Fluorometholone ophthalmic, 4254
 Furazolidone oral, 4347
 Ganciclovir oral, 4381
 Gentamicin and prednisolone acetate ophthalmic, 4397
 Griseofulvin oral, 4447
 Hydrocortisone acetate injectable, 4514
 Hydrocortisone acetate ophthalmic, 4514
 Hydrocortisone injectable, 4508
 Hydrocortisone rectal, 4509
 Hydroxyzine pamoate oral, 4546
 Ibuprofen oral, 4556
 Imipenem and cilastatin for injectable, 4572
 Indomethacin oral, 4602
 Isophane insulin human, 4620
 Human insulin isophane and human insulin injection, 4617
 Isophane insulin, 4619
 Insulin zinc, 4624
 Insulin zinc, extended, 4625
 Insulin zinc, prompt, 4627
 Isoflupredone acetate injectable, 4688
 Ketoconazole oral, 4748
 Labetalol hydrochloride oral, 4759
 Lamotrigine compounded oral, 4778
 Lansoprazole compounded oral, 4787
 Loracarbef for oral, 4895
 Magaldrate and simethicone oral, 4932
 Magaldrate oral, 4931
 Magnesium carbonate and sodium bicarbonate for oral, 4937
 Mebendazole oral, 4969
 Medroxyprogesterone acetate injectable, 4981
 Megestrol acetate oral, 4987
 Meloxicam oral, 4994
 Meprobamate oral, 5018
 Mesalamine rectal, 5030
 Methacycline hydrochloride oral, 5060
 Methadone hydrochloride tablets for oral, 5064
 Methenamine mandelate oral, 5073
 Methyldopa oral, 5100
 Methylprednisolone acetate injectable, 5120
 Metolazone oral, 5133
 Metoprolol tartrate oral, 5142
 Metronidazole benzoate compounded oral, 5149
 Minocycline hydrochloride oral, 5177
 Nalidixic acid oral, 5271
 Naproxen oral, 5283
 Natamycin ophthalmic, 5294
 Neomycin and polymyxin B sulfates and dexamethasone ophthalmic, 5319
 Neomycin and polymyxin B sulfates and hydrocortisone otic, 5322

Neomycin and polymyxin B sulfates and hydrocortisone acetate ophthalmic, 5323
 Neomycin and polymyxin B sulfates and hydrocortisone ophthalmic, 5322
 Neomycin and polymyxin B sulfates and prednisolone acetate ophthalmic, 5324
 Neomycin sulfate and hydrocortisone otic, 5307
 Neomycin sulfate and hydrocortisone acetate ophthalmic, 5308
 Neomycin sulfate and prednisolone acetate ophthalmic, 5326
 Nevirapine oral, 5331
 Nitrofurantoin oral, 5365
 Nystatin for oral, 5403
 Nystatin oral, 5403
 Ondansetron hydrochloride oral, 5442
 Oxfendazole oral, 5497
 Oxytetracycline and nystatin for oral, 5534
 Oxytetracycline calcium oral, 5534
 Oxytetracycline hydrochloride and hydrocortisone acetate ophthalmic, 5537
 Pantoprazole oral, 5562
 Penicillin G benzathine injectable, 5599
 Penicillin G benzathine and penicillin G procaine injectable, 5601
 Penicillin G benzathine oral, 5600
 Penicillin G, neomycin, polymyxin B, hydrocortisone acetate, and hydrocortisone sodium succinate topical, 5597
 Penicillin G procaine, dihydrostreptomycin sulfate, chlorpheniramine maleate, and dexamethasone injectable, 5612
 Penicillin G procaine and dihydrostreptomycin sulfate injectable, 5611
 Penicillin G procaine, dihydrostreptomycin sulfate, and prednisolone injectable, 5614
 Penicillin G procaine, neomycin and polymyxin B sulfates, and hydrocortisone acetate topical, 5614
 Penicillin G procaine injectable, 5609
 Penicillin G procaine for injectable, 5610
 Penicillin V benzathine oral, 5620
 Penicillin V for oral, 5619
 Perflutren protein-type A microspheres injectable, 5639
 Pergolide, oral, veterinary, 5642
 Phenoxybenzamine hydrochloride compounded oral, 5670
 Phenytoin oral, 5690
 Phosphate P 32, chromic, 5698
 Piroxicam compounded oral, 5741
 Prednisolone acetate injectable, 5815
 Prednisolone acetate ophthalmic, 5815
 Prednisolone compounded oral, veterinary, 5816
 Prednisone injectable, 5823
 Prednisolone tebutate injectable, 5821
 Primidone oral, 5832
 Progesterone injectable, 5855
 Propylidone injectable oil, 5899
 Psyllium hydrophilic mucilloid for oral, 5915
 Pyrantel pamoate oral, 5917
 Pyrvinium pamoate oral, 5931
 Quinidine sulfate oral, 5952
 Ractopamine hydrochloride, 5964
 Resorcinol and sulfur topical, 5994
 Rifampin oral, 6010
 Rimexolone ophthalmic, 6019
 Selenium sulfide topical, 6140
 Simethicone oral, 6163

Sodium polystyrene sulfonate, 6205
 Spectinomycin for injectable, 6220
 Spironolactone compounded oral, 6221
 Structured vehicle, 7948
 Structured vehicle, sugar-free, 7948
 Sulfacetamide sodium and prednisolone acetate ophthalmic, 6253
 Sulfacetamide sodium topical, 6251
 Sulfadimethoxine oral, 6261
 Sulfamethizole oral, 6266
 Sulfamethoxazole oral, 6268
 Sulfamethoxazole and trimethoprim oral, 6270
 Sulfisoxazole acetyl oral, 6282
 Sumatriptan succinate oral, 6294
 Temozolomide oral, 6361
 Testosterone injectable, 6387
 Tetracycline hydrochloride ophthalmic, 6407
 Tetracycline hydrochloride oral, 6407
 Tetracycline oral, 6400
 Thiabendazole oral, 6429
 Thioridazine oral, 6446
 Tobramycin and dexamethasone ophthalmic, 6501
 Tobramycin and fluorometholone acetate ophthalmic, 6503
 Topiramate compounded oral, 6527
 Triamcinolone acetonide injectable, 6565
 Triamcinolone diacetate injectable, 6566
 Triamcinolone hexacetonide injectable, 6568
 Trifluoromazine oral, 6586
 Trisulfapyrimidines oral, 6607
 Vehicle for oral, 7788
 Verapamil hydrochloride oral, 6678
 Zinc sulfide topical, 6758

Suspension structured vehicle, 7948
 sugar-free, 7948
 Suture
 absorbable surgical, 6296
 nonabsorbable surgical, 6298
 Sutures
 diameter (861), 795
 needle attachment (871), 796

Syrup

Acacia, 7495
 Calcium glubionate, 3136
 Cherry, 7600
 Chlorpromazine hydrochloride, 3393
 Chocolate, 7607
 Corn, 7614
 Corn, solids, 7621
 High fructose corn, 7618
 Docusate sodium, 3854
 Ferrous sulfate, 4177
 Orange, 7790
 Perphenazine, 5651
 Piperazine citrate, 5737
 Promazine hydrochloride, 5862
 Syrup, 7949
 Tolu balsam, 7952

T

Tablet breaking force (1217), 1750
Tablet friability (1216), 1749

Tablets

Abacavir, 7928
Abiraterone acetate, 2534
Acepromazine maleate, 2542
Acetaminophen, 2547
Containing at least three of the following—acetaminophen and (salts of) chlorpheniramine, dextromethorphan, and pseudoephedrine, 2559
Acetaminophen and aspirin, 2549
Acetaminophen, aspirin, and caffeine, 2550
Acetaminophen and caffeine, 2551
Acetaminophen, chlorpheniramine maleate, and dextromethorphan hydrobromide, 2561
Acetaminophen and codeine phosphate, 2566
Acetaminophen and diphenhydramine citrate, 2569
Acetaminophen, diphenhydramine hydrochloride, and pseudoephedrine hydrochloride, 2570
Acetaminophen extended-release, 2548
Acetaminophen and hydrocodone bitartrate, 4501
Acetaminophen and pseudoephedrine hydrochloride, 2571
Acetaminophen and tramadol hydrochloride, 2572
Acetazolamide, 2579
Acetohexamide, 2582
Acetohydroxamic acid, 2583
Acyclovir, 2595
Albendazole, 2605
Albuterol, 2607
Albuterol extended-release, 2608
Alendronate sodium, 2622
Alfuzosin hydrochloride extended-release, 2626
Allopurinol, 2634
Almotriptan, 2638
Alprazolam, 2642
Alprazolam extended-release, 2644
Alprazolam orally disintegrating, 2648
Alumina and magnesia, 2661
Alumina, magnesia, and calcium carbonate chewable, 2663
Alumina, magnesia, calcium carbonate, and simethicone chewable, 2664
Alumina, magnesia, and simethicone chewable, 2668
Alumina and magnesium carbonate, 2670
Alumina, magnesium carbonate, and magnesium oxide, 2671
Alumina and magnesium trisilicate, 2673
Aluminum hydroxide gel, dried, 2683
Aluminum sulfate and calcium acetate for topical solution, 2688
Amiloride hydrochloride, 2715
Amiloride hydrochloride and hydrochlorothiazide, 2717
Aminobenzoate potassium, 2724
Aminocaproic acid, 2729
Aminogluthethimide, 2731
Aminopentamide sulfate, 2735

Aminophylline, 2742
Aminophylline delayed-release, 2744
Aminosalicylate sodium, 2747
Aminosalicylic acid, 2750
Amitriptyline hydrochloride, 2759
Amlodipine and valsartan, 2763
Amlodipine besylate, 2773
Amlodipine, valsartan and hydrochlorothiazide, 2767
Ammonium chloride delayed-release, 2776
Amodiaquine hydrochloride, 2781
Amoxapine, 2784
Amoxicillin, 2789
Amoxicillin and clavulanic acid extended-release, 2793
Amoxicillin and clavulanate potassium, 2792
Amphetamine sulfate, 2797
Ampicillin, 2810
Anastrozole, 2820
Anileridine hydrochloride, 2824
Apomorphine hydrochloride, 2843
Arginine, 6799
Aripiprazole, 2858
Aripiprazole orally disintegrating, 2860
Ascorbic acid, 2867
Aspirin, 2873
Aspirin, alumina, and magnesia, 2877
Aspirin, alumina, and magnesium oxide, 2878
Aspirin, buffered, 2874
Aspirin and codeine phosphate, 2882
Aspirin, codeine phosphate, alumina, and magnesia, 2883
Aspirin delayed-release, 2875
Aspirin effervescent, for oral solution, 2876
Aspirin extended-release, 2876
Astemizole, 2885
Atenolol, 2888
Atenolol and chlorthalidone, 2890
Atropine sulfate, 2909
Azatadine maleate, 2914
Azathioprine, 2916
Azithromycin, 2929
Baclofen, 2945
Barium sulfate, 2954
Belladonna extract, 2959
Benazepril hydrochloride, 2961
Bendroflumethiazide, 2964
Benztropine mesylate, 2991
Betamethasone, 3001
Betaxolol, 3017
Bethanechol chloride, 3021
Bicalutamide, 3024
Biotin, 3027
Biperiden hydrochloride, 3029
Bisacodyl delayed-release, 3033
Bismuth subsalicylate, 3041
Bisoprolol fumarate, 3044
Bisoprolol fumarate and hydrochlorothiazide, 3045
Black cohosh, 6843
Bromocriptine mesylate, 3054
Brompheniramine maleate, 3059
Bumetanide, 3064
Bupropion hydrochloride, 3072
Bupropion hydrochloride extended-release, 3073
Buspirone hydrochloride, 3082
Busulfan, 3085
Butabarbital sodium, 3088
Butalbital, acetaminophen, and caffeine, 3091
Butalbital and aspirin, 3091
Butalbital, aspirin, and caffeine, 3094
Cabergoline, 3105
Calcium acetate, 3124
Calcium carbonate, 3129
Calcium carbonate, magnesia, and simethicone chewable, 3131
Calcium citrate, 6855
Calcium gluconate, 3141
Calcium L-5-methyltetrahydrofolate, 6861
Calcium lactate, 3144
Calcium and magnesium carbonates, 3134
Calcium pantothenate, 3147
Calcium phosphate, dibasic, 3152
Calcium with vitamin D, 6863
Calcium and vitamin D with minerals, 6864
Candesartan cilexetil, 3157
Candesartan cilexetil and hydrochlorothiazide, 3159
Capecitabine, 3164
Captopril, 3175
Captopril and hydrochlorothiazide, 3176
Carbamazepine, 3182
Carbamazepine extended-release, 3184
Carbenicillin indanyl sodium, 3188
Carbidopa and levodopa, 3189
Levodopa and carbidopa extended-release, 3190
Carbidopa and levodopa orally disintegrating, 3196
Carbinoxamine maleate, 3198
Calcium carbonate and magnesia chewable, 3131
Carboxymethylcellulose sodium, 3208
Carisoprodol, 3210
Carisoprodol, aspirin, and codeine phosphate, 3212
Carisoprodol and aspirin, 3211
Carprofen, 3219
Carteolol hydrochloride, 3222
Carvedilol, 3226
Cascara, 3232
Cat's claw, 6874
Cefaclor chewable, 3239
Cefaclor extended-release, 3240
Cefadroxil, 3245
Cefixime, 3267
Cefpodoxime proxetil, 3293
Cefprozil, 3298
Cefuroxime axetil, 3312
Cephalexin, 3320
Cephalexin, for oral suspension, 3321
Cephradine, 3330
Cetirizine hydrochloride, 3334
Cetirizine hydrochloride orally disintegrating, 3336
Cetirizine hydrochloride and pseudoephedrine hydrochloride extended-release, 3338
Chlorambucil, 3346
Chloramphenicol, 3351
Chlordiazepoxide, 3357
Chlordiazepoxide and amitriptyline hydrochloride, 3358
Chloroquine phosphate, 3379
Chlorothiazide, 3382
Chlorpheniramine maleate, 3388
Chlorpromazine hydrochloride, 3394
Chlorpropamide, 3395
Chlortetracycline hydrochloride, 3398
Chlorthalidone, 3399
Chlorzoxazone, 3400
Chondroitin sulfate sodium, 6902
Chromium picolinate, 6907
Cilostazol, 3419
Cimetidine, 3422

Tablets (continued)

- Ciprofloxacin, 3432
 Ciprofloxacin extended-release, 3433
 Citalopram, 3449
 Clarithromycin, 3463
 Clarithromycin extended-release, 3465
 Clemastine fumarate, 3472
 Clomiphene citrate, 3501
 Clonazepam, 3506
 Clonazepam orally disintegrating, 3506
 Clonidine hydrochloride, 3510
 Clonidine hydrochloride and chlorthalidone, 3511
 Clopidogrel, 3517
 Clorazepate dipotassium, 3521
 Clover, red, 7147
 Clozapine, 3537
 Cocaine hydrochloride, for topical solution, 3542
 Codeine phosphate, 3548
 Codeine sulfate, 3551
 Colchicine, 3553
 Colestipol hydrochloride, 3555
 Cortisone acetate, 3584
 Curcuminoids, 6919
 Cyanocobalamin, 3597
 Cyclizine hydrochloride, 3600
 Cyclobenzaprine hydrochloride, 3604
 Cyclophosphamide, 3609
 Cyproheptadine hydrochloride, 3619
 Dapsone, 3638
 Dehydrocholic acid, 3643
 Demeclocycline hydrochloride, 3647
 Desipramine hydrochloride, 3651
 Desloratadine, 3656
 Desloratadine orally disintegrating, 3658
 Desogestrel and ethinyl estradiol, 3663
 Dexamethasone, 3674
 Dexchlorpheniramine maleate, 3688
 Dextroamphetamine sulfate, 3703
 Diazepam, 3720
 Dichlorphenamide, 3727
 Diclofenac potassium, 3730
 Diclofenac sodium and misoprostol delayed-release, 3736
 Diclofenac sodium delayed-release, 3732
 Diclofenac sodium extended-release, 3734
 Dicyclomine hydrochloride, 3745
 Didanosine, for oral suspension, 3750
 Diethylcarbarnazine citrate, 3753
 Diethylpropion hydrochloride, 3754
 Diethylstilbestrol, 3756
 Diflunisal, 3760
 Digitalis, 3763
 Digitoxin, 3765
 Digoxin, 3768
 Dihydrotachysterol, 3774
 Dihydroxyaluminum sodium carbonate chewable, 3778
 Diltiazem hydrochloride, 3786
 Dimenhydrinate, 3790
 Diphenhydramine citrate and ibuprofen, 3799
 Diphenhydramine and phenylephrine hydrochloride, 3810
 Diphenoxylate hydrochloride and atropine sulfate, 3816
 Dipyrindamole, 3822
 Dirithromycin delayed-release, 3824
 Disulfiram, 3827
 Divalproex sodium delayed-release, 3831
 Divalproex sodium extended-release, 3832
 Docusate sodium, 3855
 Donepezil hydrochloride, 3861
 Donepezil hydrochloride orally disintegrating, 3863
 Doxazosin, 3876
 Doxycycline, 3893
 Doxycycline hyclate, 3900
 Doxycycline hyclate delayed-release, 3902
 Doxylamine succinate, 3907
 Dronedaron, 3910
 Drospirenone and ethinyl estradiol, 3916
 Dydrogesterone, 3928
 Dyphylline, 3930
 Dyphylline and guaifenesin, 3932
 Efavirenz, 3947
 Enalapril maleate, 3971
 Enalapril maleate and hydrochlorothiazide, 3973
 Entacapone, 3988
 Entecavir, 3992
 Ergocalciferol, 4015
 Ergoloid mesylates, 4018
 Ergoloid mesylates sublingual, 4019
 Ergonovine maleate, 4021
 Ergotamine tartrate, 4025
 Ergotamine tartrate and caffeine, 4027
 Ergotamine tartrate sublingual, 4026
 Erythromycin, 4036
 Erythromycin delayed-release, 4037
 Erythromycin estolate, 4040
 Erythromycin ethylsuccinate, 4044
 Erythromycin stearate, 4049
 Escitalopram, 4052
 Estazolam, 4062
 Estradiol, 4070
 Estradiol and norethindrone acetate, 4071
 Estrogens, conjugated, 4081
 Estrogens, esterified, 4085
 Estropipate, 4089
 Eszopiclone, 4091
 Ethacrynic acid, 4094
 Ethambutol hydrochloride, 4096
 Ethinyl estradiol, 4100
 Ethionamide, 4103
 Ethotoin, 4108
 Ethynodiol diacetate and ethinyl estradiol, 4110
 Ethynodiol diacetate and mestranol, 4111
 Etidronate disodium, 4113
 Etodolac, 4116
 Etodolac extended-release, 4116
 Ezetimibe, 4129
 Famotidine, 4140
 Felbamate, 4145
 Felodipine extended-release, 4148
 Fenofibrate, 4157
 Fenoprofen calcium, 4163
 Ferrous fumarate, 4169
 Ferrous fumarate and docusate sodium extended-release, 4170
 Ferrous gluconate, 4175
 Ferrous sulfate, 4178
 Fexofenadine hydrochloride, 4186
 Fexofenadine hydrochloride and pseudoephedrine hydrochloride extended-release, 4189
 Finasteride, 4201
 Flavoxate hydrochloride, 4204
 Flecainide acetate, 4207
 Fluconazole, 4221
 Fludrocortisone acetate, 4229
 Fluoxetine, 4263
 Fluoxymesterone, 4267
 Flurbiprofen, 4280
 Fluvoxamine maleate, 4319
 Folic acid, 4323
 Fosinopril sodium, 4337
 Fosinopril sodium and hydrochlorothiazide, 4338
 Furazolidone, 4347
 Furosemide, 4350
 Gabapentin, 4353
 Galantamine, 4373
 Garlic delayed-release, 6993
 Gemfibrozil, 4389
 Ginkgo, 7010
 Ginseng, American, 6792
 Ginseng, Asian, 6809
 Glimepiride, 4402
 Glipizide, 4405
 Glipizide and metformin hydrochloride, 4407
 Glucosamine, 7014
 Glucosamine and chondroitin sodium sulfate, 7012
 Glucosamine, chondroitin sulfate sodium, and methylsulfonylmethane, 7019
 Glucosamine and methylsulfonylmethane, 7017
 Glyburide, 4415
 Glyburide and metformin hydrochloride, 4418
 Glycopyrrolate, 4428
 Granisetron hydrochloride, 4443
 Griseofulvin, 4448
 Griseofulvin, ultramicrosize, 4449
 Guaifenesin, 4452
 Guanabenz acetate, 4457
 Guanethidine monosulfate, 4459
 Guanfacine, 4460
 Guggul, 7037
 Halazone for solution, 4463
 Haloperidol, 4470
 Homatropine methylbromide, 4489
 Hydralazine hydrochloride, 4494
 Hydrochlorothiazide, 4499
 Hydrochlorothiazide and amiloride hydrochloride, 2717
 Hydrocodone bitartrate, 4500
 Hydrocodone bitartrate and acetaminophen, 4501
 Hydrocodone bitartrate and homatropine methylbromide, 4502
 Hydrocortisone, 4509
 Hydroflumethiazide, 4523
 Hydromorphone hydrochloride, 4530
 Hydroxychloroquine sulfate, 4535
 Hydroxyzine hydrochloride, 4542
 Hyoscyamine, 4547
 Hyoscyamine sulfate, 4551
 Ibuprofen, 4558
 Ibuprofen and pseudoephedrine hydrochloride, 4559
 Imipramine hydrochloride, 4574
 Indapamide, 4585
 Iodoquinol, 4649
 Irbesartan, 4673
 Irbesartan and hydrochlorothiazide, 4674
 Isoniazid, 4695
 Isopropamide iodide, 4696
 Isoproterenol hydrochloride, 4702
 Isosorbide dinitrate chewable, 4710
 Isosorbide dinitrate extended-release, 4710
 Isosorbide dinitrate sublingual, 4712
 Isosorbide mononitrate, 4714
 Isosorbide mononitrate extended-release, 4715
 Isoxsuprine hydrochloride, 4726
 Ivermectin, 4734
 Ivermectin and pyrantel pamoate, 4737
 Ketoconazole, 4748
 Ketorolac tromethamine, 4756

Tablets (continued)

- Labetalol hydrochloride, 4760
 Lamivudine, 4767
 Lamivudine and zidovudine, 4769
 Lamotrigine, 4772
 Lamotrigine extended-release, 4774
 Lamotrigine, for oral suspension, 4776
 Leflunomide, 4791
 Letrozole, 4793
 Leucovorin calcium, 4798
 Levamisole hydrochloride, 4805
 Levetiracetam, 4811
 Levetiracetam extended-release, 4812
 Levocarnitine, 4824
 Levocetirizine dihydrochloride, 4826
 Levodopa, 4830
 Levofloxacin, 4834
 Levonorgestrel and ethinyl estradiol, 4837
 Levorphanol tartrate, 4839
 Levothyroxine sodium, 4843
 Liothyronine sodium, 4861
 Liotrix, 4862
 Lipoic acid, alpha, 7078
 Lisinopril, 4866
 Lisinopril and hydrochlorothiazide, 4867
 Lithium carbonate, 4872
 Lithium carbonate extended-release, 4873
 Loperamide hydrochloride, 4882
 Lopinavir and ritonavir, 4890
 Loratadine, 4899
 Loratadine chewable, 4900
 Loratadine orally disintegrating, 4901
 Lorazepam, 4908
 Losartan potassium, 4911
 Losartan potassium and hydrochlorothiazide, 4913
 Lovastatin, 4919
 Lysine hydrochloride, 7087
 Magaldrate, 4931
 Magaldrate and simethicone chewable, 4933
 Magnesia, 4934
 Magnesium gluconate, 4943
 Magnesium oxide, 4947
 Magnesium salicylate, 4950
 Magnesium trisilicate, 4954
 Maprotiline hydrochloride, 4964
 Mazindol, 4967
 Mebendazole, 4970
 Mecamylamine hydrochloride, 4973
 Meclizine hydrochloride, 4976
 Medroxyprogesterone acetate, 4982
 Mefloquine hydrochloride, 4985
 Megestrol acetate, 4989
 Melatonin, 7095
 Meloxicam, 4995
 Melphalan, 4997
 Memantine hydrochloride, 5000
 Menadiol sodium diphosphate, 5004
 Menaquinone-7, 7100
 Meperidine hydrochloride, 5009
 Mephenytoin, 5011
 Mephobarbital, 5013
 Meproamate, 5019
 Mercaptopurine, 5022
 Mesalamine delayed-release, 5032
 Mesoridazine besylate, 5037
 Metaproterenol sulfate, 5043
 Metaxalone, 5046
 Metformin hydrochloride, 5048
 Metformin hydrochloride extended-release, 5050
 Methadone hydrochloride, 5063
 Methamphetamine hydrochloride, 5065
 Methazolamide, 5066
 Methdilazine hydrochloride, 5068
 Methenamine, 5070
 Methenamine hippurate, 5072
 Methenamine mandelate, 5074
 Methenamine mandelate delayed-release, 5074
 Methimazole, 5076
 Methocarbamol, 5079
 Methotrexate, 5086
 Methscopolamine bromide, 5091
 Methyclothiazide, 5094
 Methylcellulose, 5099
 Methylcobalamin, 7103
 Methyldopa, 5101
 Methyldopa and chlorothiazide, 5101
 Methyldopa and hydrochlorothiazide, 5103
 Methylergonovine maleate, 5110
 Methylphenidate hydrochloride, 5113
 Methylphenidate hydrochloride extended-release, 5113
 Methylprednisolone, 5118
 Methylsulfonylmethane, 7105
 Methyltestosterone, 5126
 Methysergide maleate, 5127
 Metoclopramide, 5131
 Metolazone, 5134
 Metoprolol succinate extended-release, 5138
 Metoprolol tartrate, 5143
 Metoprolol tartrate and hydrochlorothiazide, 5144
 Metronidazole, 5153
 Metronidazole extended-release, 5154
 Metyrapone, 5157
 Midodrine hydrochloride, 5170
 Milk thistle, 7112
 Minerals, 7121
 Minocycline hydrochloride, 5178
 Minocycline hydrochloride extended-release, 5178
 Minoxidil, 5184
 Mirtazapine, 5188
 Mirtazapine orally disintegrating, 5189
 Mitotane, 5196
 Modafinil, 5199
 Memantine hydrochloride, 5203
 Moexipril hydrochloride and hydrochlorothiazide, 5205
 Molindone hydrochloride, 5208
 Montelukast sodium, 5222
 Montelukast sodium chewable, 5225
 Moricizine hydrochloride, 5230
 Mycophenolate mofetil, 5253
 Mycophenolic acid delayed-release, 5257
 Nabumetone, 5262
 Nadolol, 5264
 Nadolol and bendroflumethiazide, 5265
 Nafcillin sodium, 5268
 Nalidixic acid, 5271
 Naltrexone hydrochloride, 5276
 Naproxen, 5284
 Naproxen delayed-release, 5285
 Naproxen sodium, 5287
 Naratriptan, 5290
 Nateglinide, 5297
 Nefazodone hydrochloride, 5299
 Neomycin sulfate, 5302
 Neostigmine bromide, 5327
 Nevirapine, 5333
 Niacin, 5336
 Niacinamide, 5340
 Niacin extended-release, 5337
 Nifedipine extended-release, 5354
 Nitrofurantoin, 5366
 Nitroglycerin sublingual, 5372
 Norethindrone, 5382
 Norethindrone acetate, 5387
 Norethindrone acetate and ethinyl estradiol, 5387
 Norethindrone and ethinyl estradiol, 5384
 Norethindrone and mestranol, 5385
 Norfloxacin, 5390
 Norgestimate and ethinyl estradiol, 5393
 Norgestrel, 5395
 Norgestrel and ethinyl estradiol, 5396
 Nystatin, 5403
 Ofloxacin, 5413
 Olanzapine, 5416
 Olanzapine orally disintegrating, 5420
 Ondansetron, 5445
 Ondansetron orally disintegrating, 5448
 Orbifloxacin, 5452
 Orphenadrine citrate, aspirin, and caffeine, 5462
 Orphenadrine citrate extended-release, 5460
 Oxandrolone, 5483
 Oxaprozin, 5486
 Oxazepam, 5490
 Oxcarbazepine, 5494
 Oxprenolol hydrochloride, 5499
 Oxprenolol hydrochloride extended-release, 5499
 Oxtriphylline, 5501
 Oxtriphylline extended-release, 5501
 Oxybutynin chloride, 5505
 Oxybutynin chloride extended-release, 5506
 Oxycodone and acetaminophen, 5517
 Oxycodone and aspirin, 5518
 Oxycodone hydrochloride, 5513
 Oxycodone hydrochloride extended-release, 5513
 Oxymetholone, 5525
 Oxymorphone hydrochloride, 5528
 Oxymorphone hydrochloride extended-release, 5530
 Oxytetracycline, 5533
 Pancreatin, 5555
 Pancrelipase, 5558
 Pantoprazole sodium delayed-release, 5565
 Papain, for topical solution, 5569
 Papaverine hydrochloride, 5571
 Paroxetine, 5582
 Paroxetine extended-release, 5583
 Penbutolol sulfate, 5592
 Penicillamine, 5596
 Penicillin G benzathine, 5600
 Penicillin G potassium, 5606
 Penicillin V, 5619
 Penicillin V potassium, 5623
 Pentazocine and acetaminophen, 5625
 Pentazocine and aspirin, 5627
 Pentazocine and naloxone, 5629
 Pentoxifylline extended-release, 5636
 Pergolide, 5643
 Perindopril erbumine, 5647
 Perphenazine, 5652
 Perphenazine and amitriptyline hydrochloride, 5652
 Phenazopyridine hydrochloride, 5656
 Phendimetrazine tartrate, 5659
 Phenelzine sulfate, 5660
 Phenmetrazine hydrochloride, 5662
 Phenobarbital, 5665
 Phentermine hydrochloride, 5673
 Phenylbutazone, 5678
 Phenylephrine hydrochloride, 5685
 Phenytoin chewable, 5691

Tablets (continued)

- Phytonadione, 5702
 Pilocarpine hydrochloride, 5707
 Pimozide, 5710
 Pindolol, 5712
 Pioglitazone, 5715
 Pioglitazone and glimepiride, 5716
 Pioglitazone and metformin hydrochloride, 5720
 Piperazine citrate, 5737
 Potassium and sodium bicarbonates and citric acid effervescent, for oral solution, 5759
 Potassium bicarbonate effervescent, for oral solution, 5758
 Potassium bicarbonate and potassium chloride effervescent, for oral solution, 5759
 Potassium chloride extended-release, 5766
 Potassium chloride, potassium bicarbonate, and potassium citrate effervescent, for oral solution, 5769
 Potassium citrate, 7134
 Potassium citrate extended-release, 5774
 Potassium gluconate, 5779
 Potassium iodide, 5783
 Potassium iodide delayed-release, 5784
 Pravastatin sodium, 5801
 Praziquantel, 5804
 Prednisolone, 5813
 Prednisone, 5824
 Primaquine phosphate, 5830
 Primidone, 5833
 Probenecid, 5835
 Probenecid and colchicine, 5835
 Probutol, 5838
 Procainamide hydrochloride, 5840
 Procainamide hydrochloride extended-release, 5840
 Prochlorperazine maleate, 5850
 Procyclidine hydrochloride, 5852
 Promazine hydrochloride, 5862
 Promethazine hydrochloride, 5867
 Propafenone hydrochloride, 5880
 Propantheline bromide, 5883
 Propranolol hydrochloride, 5895
 Propranolol hydrochloride and hydrochlorothiazide, 5895
 Propylthiouracil, 5901
 Protriptyline hydrochloride, 5904
 Pseudoephedrine hydrochloride, 5907
 Pseudoephedrine hydrochloride extended-release, 5908
 Pyrazinamide, 5920
 Pyridostigmine bromide, 5923
 Pyridoxine hydrochloride, 5926
 Pyrilamine maleate, 5928
 Pyrimethamine, 5930
 Pyrvinium pamoate, 5932
 Quazepam, 5933
 Quetiapine, 5934
 Quetiapine, extended-release, 5937
 Quinapril, 5944
 Quinapril and hydrochlorothiazide, 5942
 Quinidine gluconate extended-release, 5948
 Quinidine sulfate, 5953
 Quinidine sulfate extended-release, 5954
 Quinine sulfate, 5958
 Raloxifene hydrochloride, 5967
 Ranitidine, 5977
 Rauwolfia serpentina, 5981
 Repaglinide, 5985
 Reserpine, 5989
 Reserpine and chlorothiazide, 5990
 Reserpine and hydrochlorothiazide, 5992
Rhodiola rosea, 7157
 Ribavirin, 5999
 Riboflavin, 6002
 Rifampin, isoniazid, and pyrazinamide, 6012
 Rifampin, isoniazid, pyrazinamide, and ethambutol hydrochloride, 6013
 Riluzole, 6015
 Rimantadine hydrochloride, 6017
 Risedronate sodium, 6035
 Risperidone, 6039
 Risperidone orally disintegrating, 6041
 Ritodrine hydrochloride, 6044
 Ritonavir, 6054
 Rizatriptan benzoate, 6062
 Rizatriptan benzoate orally disintegrating, 6064
 Ropinirole, 6068
 Ropinirole extended-release, 6070
 Rufinamide, 6084
 Saccharin sodium, 6090
 St. John's wort flowering top dry extract, 7173
 Salsalate, 6105
 Scopolamine hydrobromide, 6129
 Selegiline hydrochloride, 6137
 Sennosides, 6145
 Sertraline hydrochloride, 6150
 Sildenafil, 6156
 Simethicone, 6163
 Simvastatin, 6165
 Sitagliptin, 6169
 Sodium bicarbonate, 6178
 Sodium chloride, 6185
 Sodium chloride, for solution, 6186
 Sodium fluoride, 6190
 Sodium salicylate, 6207
 Sotalol hydrochloride, 6217
 Soy isoflavones, 7200
 Spirolactone, 6223
 Spirolactone and hydrochlorothiazide, 6224
 Spirulina, 7205
 Stanazolol, 6227
 Sucralfate, 6239
 Sulfadiazine, 6256
 Sulfadimethoxine, 6261
 Sulfadoxine and pyrimethamine, 6263
 Sulfamethizole, 6266
 Sulfamethoxazole, 6268
 Sulfamethoxazole and trimethoprim, 6272
 Sulfapyridine, 6274
 Sulfasalazine, 6276
 Sulfasalazine delayed-release, 6277
 Sulfinpyrazone, 6280
 Sulfisoxazole, 6281
 Sulindac, 6284
 Sumatriptan, 6290
 Tadalafil, 6312
 Tamoxifen citrate, 6317
 Telmisartan, 6353
 Telmisartan and hydrochlorothiazide, 6355
 Terazosin, 6366
 Terbinafine, 6371
 Terbutaline sulfate, 6377
 Testolactone, 6385
 Tetracycline hydrochloride, 6408
 Tetracycline hydrochloride and novobiocin sodium, 6409
 Tetracycline hydrochloride, novobiocin sodium, and prednisolone, 6409
 Theophylline, 6422
 Theophylline, ephedrine hydrochloride, and phenobarbital, 6424
 Theophylline sodium glycinate, 6427
 Thiabendazole chewable, 6429
 Thiamine hydrochloride, 6432
 Thiethylperazine maleate, 6437
 Thioguanine, 6443
 Thioridazine hydrochloride, 6448
 Thyroid, 6457
 Ticlopidine hydrochloride, 6470
 Tienchi ginseng root and rhizome dry extract, 7225
 Tienchi ginseng root and rhizome powder, 7219
 Timolol maleate, 6481
 Timolol maleate and hydrochlorothiazide, 6482
 Tizanidine, 6490
 Tocainide hydrochloride, 6506
 Tolazamide, 6508
 Tolbutamide, 6511
 Tolcapone, 6513
 Tolmetin sodium, 6515
 Topiramate, 6525
 Torsemide, 6529
 Tramadol hydrochloride, 6533
 Tramadol hydrochloride and acetaminophen, 2575
 Tramadol hydrochloride extended-release, 6534
 Trandolapril, 6541
 Tranycypromine, 6543
 Trazodone hydrochloride, 6551
 Triamcinolone, 6557
 Triamterene and hydrochlorothiazide, 6573
 Triazolam, 6575
 Trichlormethiazide, 6577
 Trifluoperazine hydrochloride, 6585
 Triflupromazine hydrochloride, 6588
 Trihexyphenidyl hydrochloride, 6591
 Trimeprazine tartrate, 6595
 Trimethoprim, 6598
 Trioxsalen, 6601
 Tripelennamine hydrochloride, 6603
 Triprolidine hydrochloride, 6605
 Triprolidine and pseudoephedrine hydrochlorides, 6606
 Trisulfapyrimidines, 6608
 Tropsium chloride, 6614
 Ubidecarenone, 7235
 Ursodiol, 6631
 Valacyclovir, 6633
 Valerian, 7244
 Valganciclovir, 6638
 Valsartan, 6650
 Valsartan and hydrochlorothiazide, 6651
 Venlafaxine, 6664
 Verapamil hydrochloride, 6678
 Verapamil hydrochloride extended-release, 6680
 Vigabatrin, 6688
 Vinpocetine, 7247
 Vitamin A, 6702
 Vitamins with minerals, oil-soluble, 7280
 Vitamins with minerals, oil- and water-soluble, 7375
 Vitamins with minerals, water-soluble, 7451
 Vitamins, oil-soluble, 7258
 Vitamins, oil- and water-soluble, 7318
 Vitamins, water-soluble, 7412
 Warfarin sodium, 6715
 Zalcitabine, 6733
 Zidovudine, 6743
 Zinc citrate, 7474
 Zinc gluconate, 6751
 Zinc sulfate, 6758

Tablets (*continued*)

Zolmitriptan, 6764
 Zolmitriptan orally disintegrating, 6766
 Zolpidem tartrate, 6769
 Zolpidem tartrate extended-release, 6771

Tacrine

capsules, 6300
 hydrochloride, 6300

Tacrolimus, 6301

capsules, 6304
 oral suspension, 6309

Tadalafil, 6310

tablets, 6312

Tadalafil compounded

oral suspension, 6313

Tagatose, 7949**Talc, 6314****Tamoxifen citrate, 6316**

tablets, 6317

Tamsulosin hydrochloride, 6318

capsules, 6320

Tannic acid, 2397, 6329

TS, 2422

Tape, adhesive, 6329**Tapioca starch, 7928****Tartaric acid, 2397, 7950**

TS, 2422

Taurine, 6329**Tazobactam, 6330**

and piperacillin for injection, 5728

Tc 99m

albumin aggregated injection, technetium, 6332

albumin colloid injection, technetium, 6333

albumin injection, technetium, 6331

apcitide injection, technetium, 6335

arcitumomab injection, technetium, 6335

bicisate injection, technetium, 6336

depreotide injection, technetium, 6337

disofenin injection, technetium, 6337

etidronate injection, technetium, 6338

exametazime injection, technetium, 6338

fanolesomab injection, technetium, 6339

gluceptate injection, technetium, 6340

lidofenin injection, technetium, 6341

mebrofenin injection, technetium, 6342

medronate injection, technetium, 6343

meritide injection, technetium, 6344

nofetumomab merpentan injection, technetium, 6345

oxidronate injection, technetium, 6345

pentetate injection, technetium, 6345

pertechnetate injection, sodium, 6346

(pyro- and trimeta-) phosphates injection, technetium, 6348

pyrophosphate injection, technetium, 6348

red blood cells injection, technetium, 6349

sestamibi injection, technetium, 6349

succimer injection, technetium, 6350

sulfur colloid injection, technetium, 6351

tetrofosmin injection, technetium, 6352

T-dodecyl mercaptan ethoxylate, 2356

Technetium

Tc 99m albumin aggregated injection, 6332

Tc 99m albumin colloid injection, 6333

Tc 99m albumin injection, 6331

Tc 99m apcitide injection, 6335

Tc 99m arcitumomab injection, 6335

Tc 99m bicisate injection, 6336

Tc 99m depreotide injection, 6337

Tc 99m disofenin injection, 6337

Tc 99m etidronate injection, 6338

Tc 99m exametazime injection, 6338

Tc 99m fanolesomab injection, 6339

Tc 99m gluceptate injection, 6340

Tc 99m lidofenin injection, 6341

Tc 99m mebrofenin injection, 6342

Tc 99m medronate injection, 6343

Tc 99m meritide injection, 6344

Tc 99m nofetumomab merpentan injection, 6345

Tc 99m oxidronate injection, 6345

Tc 99m pentetate injection, 6345

Tc 99m pertechnetate injection, sodium, 6346

Tc 99m pyrophosphate injection, 6348

Tc 99m (pyro- and trimeta-) phosphates injection, 6348

Tc 99m red blood cells injection, 6349

Tc 99m sestamibi injection, 6349

Tc 99m succimer injection, 6350

Tc 99m sulfur colloid injection, 6351

Tc 99m tetrofosmin injection, 6352

Telmisartan, 6352

and hydrochlorothiazide tablets, 6355

tablets, 6353

Temazepam, 6357

capsules, 6359

Temozolomide, 6360

oral suspension, 6361

Temperature

congealing (651), 527

Teniposide, 6362

injection, 6363

Tensile strength (881), 797

Terazosin

capsules, 6364

hydrochloride, 6368

tablets, 6366

Terbinafine

hydrochloride, 6372

oral suspension, 6370

tablets, 6371

Terbutaline

sulfate, 6374

sulfate inhalation aerosol, 6375

sulfate injection, 6376

sulfate tablets, 6377

oral suspension, 6377

Terconazole, 6378**Teriparatide, 6379**

Terminally sterilized pharmaceutical products—parametric release (1222), 1753

Terpin hydrate, 6382

and codeine oral solution, 6383

oral solution, 6383

tert-Butyl hydroperoxide solution, 2397

Tertiary butyl alcohol, 2330, 2341, 2397

Test for 1,6-anhydro derivative for enoxaparin sodium (207), 261

Testolactone, 6384

tablets, 6385

Testosterone, 6386

benzoate, 2397

cypionate, 6387

cypionate injection, 6388

enanthatate, 6388

enanthatate injection, 6389

injectable suspension, 6387

propionate, 6389

propionate injection, 6390

Test papers

and indicator, 2408

indicators and indicator, 2406

Test solutions, 2411

Tetanus

immune globulin, 6390

2',4',5',7'-Tetrabromofluorescein, 2397

Tetrabromophenolphthalein ethyl ester, 2397

TS, 2422

Tetrabutylammonium

bromide, 2397

hydrogen sulfate, 2397

hydrogen sulfate ion pairing reagent, 2397

hydroxide, 1.0 M in methanol, 2397

hydroxide, 0.4 M aqueous, 2397

hydroxide 30-hydrate, 2397

hydroxide in methanol/isopropyl alcohol (0.1 N), 2435

hydroxide, tenth-normal (0.1 N), 2434

iodide, 2397

phosphate, 2397

Tetrabutylammonium hydrogen sulfate

0.02 M TS, 2422

Tetrabutylammonium hydroxide, 40 percent

in water, 2397

Tetracaine, 6390

and cocaine hydrochlorides and

epinephrine topical solution, 3542

hydrochloride, 6393

hydrochloride, benzocaine, and butamben

topical aerosol, 2979

hydrochloride, benzocaine, and butamben

gel, 2979

hydrochloride, benzocaine, and butamben

ointment, 2980

hydrochloride, benzocaine, and butamben

topical solution, 2981

hydrochloride cream, 6394

hydrochloride in dextrose injection, 6397

hydrochloride injection, 6394

hydrochloride for injection, 6395

hydrochloride, neomycin sulfate, and

isoflupredone acetate ointment, 5309

hydrochloride, neomycin sulfate, and

isoflupredone acetate topical powder, 5310

hydrochloride ophthalmic solution, 6396

hydrochloride topical solution, 6397

and menthol ointment, 6392

ointment, 6391

and procaine hydrochlorides and

levonordefrin injection, 5844

2,3,7,8-Tetrachlorodibenzo-*p*-dioxin, ¹³C-

labeled, 2397

2,3,7,8-Tetrachlorodibenzofuran, ¹³C-labeled,

2398

1,1,2,2-Tetrachloroethane, 2398

Tetracosane, 2398**Tetracycline, 6398**

boluses, 6399

hydrochloride, 6400

hydrochloride capsules, 6402

hydrochloride for injection, 6404

hydrochloride, novobiocin sodium, and

prednisolone tablets, 6409

hydrochloride and novobiocin sodium

tablets, 6409

hydrochloride and nystatin capsules, 6410

hydrochloride ointment, 6404

hydrochloride ophthalmic ointment, 6405

hydrochloride ophthalmic suspension,

6407

hydrochloride soluble powder, 6405

hydrochloride for topical solution, 6406

hydrochloride oral suspension, 6407

hydrochloride tablets, 6408

oral suspension, 6400

Tetradecane, 2398

Tetradecylammonium bromide, 2397

Tetraethylammonium perchlorate, 2398
 Tetraethylene glycol, 2398
 Tetraethylenepentamine, 2398
 Tetraheptylammonium bromide, 2398
 Tetrahexylammonium hydrogen sulfate, 2398
 Tetrahydrofuran, 2398
 peroxide-free, 2398
 stabilizer-free, 2398
 Tetrahydro-2-furancarboxylic acid, 2398
N-(2-Tetrahydrofuroyl)piperazine, 2398
 1,2,3,4-Tetrahydronaphthalene, 2398
 Tetrahydrozoline hydrochloride, 6410
 nasal solution, 6412
 ophthalmic solution, 6412
 Tetramethylammonium
 bromide, 2398
 bromide, tenth-molar (0.1 M), 2435
 chloride, 2398
 chloride, tenth-molar (0.1 M), 2435
 hydroxide, 2398
 hydroxide, pentahydrate, 2399
 hydroxide solution in methanol, 2399
 hydroxide TS, 2422
 nitrate, 2399
 Tetramethylbenzidine, 2399
 4,4'-Tetramethyldiaminodiphenylmethane,
 2399
 Tetramethylsilane, 2399
 Tetrapropylammonium
 chloride, 2399
 Tetrasodium ethylenediaminetetraacetate,
 2399
 Thalidomide, 6413
 capsules, 6414
 Thallous chloride, 2399
 TI 201 injection, 6415
 Theobromine, 2399
 Theophylline, 6416
 capsules, 6417
 extended-release capsules, 6418
 in dextrose injection, 6423
 ephedrine hydrochloride, and
 phenobarbital tablets, 6424
 and guaifenesin capsules, 6425
 and guaifenesin oral solution, 6426
 sodium glycinate, 6426
 sodium glycinate oral solution, 6427
 sodium glycinate tablets, 6427
 oral solution, 6420
 oral suspension, 6421
 tablets, 6422
 Theory and practice of electrical conductivity
 measurements of solutions (1644), 2000
 Thermal analysis (891), 798
 Thiabendazole, 6428
 chewable tablets, 6429
 oral suspension, 6429
 Thiamine
 hydrochloride, 6430
 hydrochloride injection, 6431
 hydrochloride oral solution, 6431
 hydrochloride tablets, 6432
 mononitrate, 6433
 mononitrate oral solution, 6434
 Thiamine assay (531), 407
 Thiazole yellow, 2399
 paper, 2409
 Thiethylperazine maleate, 6435
 suppositories, 6435
 tablets, 6437
 Thimerosal, 6437
 topical aerosol, 6439
 topical solution, 6440
 tincture, 6441

Thin-layer chromatographic identification test
 (201), 256
 Thioacetamide, 2399
 TS, 2423
 Thioacetamide-glycerin base TS, 2423
 2-Thiobarbituric acid, 2399
 2,2'-Thiodiethanol, 2399
 Thioglycolic acid, 2399
 Thioguanine, 6442
 tablets, 6443
 Thionine acetate, 2400
 Thiopental sodium, 6444
 for injection, 6445
 Thioridazine, 6446
 hydrochloride, 6447
 hydrochloride oral solution, 6447
 hydrochloride tablets, 6448
 oral suspension, 6446
 Thiostrepton, 6449
 nystatin, neomycin sulfate, and
 triamcinolone acetonide cream, 5405
 nystatin, neomycin sulfate, and
 triamcinolone acetonide ointment, 5406
 Thiotepa, 6449
 for injection, 6450
 Thiothixene, 6451
 capsules, 6452
 hydrochloride, 6453
 hydrochloride injection, 6453
 hydrochloride for injection, 6454
 hydrochloride oral solution, 6454
 Thiourea, 2400
 Thorium nitrate, 2400
 TS, 2423
 Threonine, 6455
 Thrombin human, 2400
 Thromboplastin, 2400
 Thymidine, 2400
 Thymol, 2400, 7950
 blue, 2408
 blue TS, 2423
 Thymolphthalein, 2408
 TS, 2423
 Thyroglobulin, 2400
 Thyroid, 6456
 tablets, 6457
 Tiagabine hydrochloride, 6458
 oral suspension, 6460
 Tiamulin, 6460
 fumarate, 6462
 Ticarcillin
 and clavulanic acid injection, 6464
 and clavulanic acid for injection, 6465
 disodium, 6466
 for injection, 6463
 monosodium, 6467
 Ticlopidine hydrochloride, 6469
 tablets, 6470
 Tienchi ginseng root and rhizome, 7213
 dry extract capsules, 7223
 powder capsules, 7218
 dry extract, 7221
 powder, 7216
 dry extract tablets, 7225
 powder tablets, 7219
 Tigecycline, 6471
 for injection, 6473
 Tiletamine
 hydrochloride, 6475
 and zolazepam for injection, 6475
 Tilmicosin, 6476
 injection, 6478
 Timolol
 maleate, 6479

maleate and hydrochlorothiazide tablets,
 6482
 maleate ophthalmic solution, 6480
 maleate tablets, 6481
 Timolol maleate
 and dorzolamide hydrochloride ophthalmic
 solution, 3869
 Tin, 2400

Tincture

Belladonna, 2959
 Benzethonium chloride, 2967
 Benzoin, compound, 2985
 Capsicum, 3172
 Cardamom, compound, 7584
 Ginger, 6999
 Green soap, 4445
 Iodine, 4631
 Iodine, strong, 4632
 Lemon, 7733
 Opium, 5450
 Orange peel, sweet, 7790
Rhodiola rosea, 7154
 Thimerosal, 6441
 Tolu balsam, 7952
 Valerian, 7243
 Vanilla, 7960

Tinidazole, 6483
 Tioconazole, 6485
 Tissue human amnion chorion membrane
 dehydrated, 6486
 Titanium
 dioxide, 6487
 tetrachloride, 2400
 trichloride, 2400
 trichloride-sulfuric acid TS, 2423
 trichloride, tenth-normal (0.1 N), 2435
 trichloride TS, 2423
 Titration, nitrite (451), 366
 Titrimetry (541), 416
 Tizanidine
 hydrochloride, 6489
 tablets, 6490
 TI 201
 injection, thallous chloride, 6415
 Tobramycin, 6492
 and dexamethasone ophthalmic ointment,
 6500
 and dexamethasone ophthalmic
 suspension, 6501
 and fluorometholone acetate ophthalmic
 suspension, 6503
 inhalation solution, 6497
 injection, 6493
 for injection, 6494
 ophthalmic ointment, 6495
 ophthalmic solution, 6499
 sulfate, 6504
 Tocainide hydrochloride, 6506
 tablets, 6506
 Tocopherols excipient, 7951
 Tolazamide, 6507
 tablets, 6508
 Tolazoline hydrochloride, 6509
 injection, 6509
 Tolbutamide, 6510
 for injection, 6511
 tablets, 6511

Tolcapone, 6512
tablets, 6513
o-Tolidine, 2400
Tolmetin sodium, 6514
capsules, 6515
tablets, 6515
Tolnaftate, 6516
topical aerosol, 6517
cream, 6517
gel, 6517
topical powder, 6518
topical solution, 6518
Tolterodine tartrate, 6518
Tolualdehyde, 2400
p-Tolualdehyde, 2400
Tolu balsam, 6520
syrup, 7952
tincture, 7952
Toluene, 2400
p-Toluenesulfonic acid, 2400
TS, 2423
p-Toluenesulfonyl-L-arginine methyl ester
hydrochloride, 2400
p-Toluic acid, 2400
Toluidine
blue, 2401
blue O, 2401
o-Toluidine, 2400
p-Toluidine, 2401
Tomato extract containing lycopene, 7084
Topical aerosols (603), 499
Topical and transdermal drug products—
product quality tests (3), 78

Topical solution

Aluminum acetate, 2674
Aluminum subacetate, 2686
Aluminum sulfate and calcium acetate for,
2687
Aluminum sulfate and calcium acetate
tablets for, 2688
Aminobenzoic acid, 2727
Benzethonium chloride, 2967
Benzocaine, 2977
Benzocaine, butamben, and tetracaine
hydrochloride, 2981
Calcium hydroxide, 3143
Carbamide peroxide, 3186
Carbol-fuchsin, 3198
Cetylpyridinium chloride, 3344
Chlorhexidine acetate, 3366
Chlorhexidine gluconate, 3370
Ciclopirox, 3411
Clindamycin phosphate, 3483
Clobetasol propionate, 3493
Clotrimazole, 3527
Coal tar, 3538
Cocaine hydrochloride tablets for, 3542
Cocaine and tetracaine hydrochlorides and
epinephrine, 3542
Diethyltoluamide, 3757
Dimethyl sulfoxide, 3793
Dyclonine hydrochloride, 3927
Erythromycin, 4036
Fluocinolone acetonide, 4241
Fluocinonide, 4244
Fluorouracil, 4259
Gentamicin sulfate and betamethasone
valerate, 4396
Gentian violet, 4400
Halcinonide, 4467
Hydrogen peroxide, 4525

Hydroquinone, 4531
Iodine, 4630
Ivermectin, 4736
Lidocaine hydrochloride, 4851
Mafenide acetate for, 4928
Methoxsalen, 5089
Minoxidil, 5185
Mometasone furoate, 5213
Myrrh, 5260
Nitrofurazone, 5369
Nitromersol, 5373
Papain tablets for, 5569
Phenol, camphorated, 5668
Podophyllum resin, 5744
Povidone-iodine, 5794
Sodium fluoride and acidulated phosphate,
6190
Sodium hypochlorite, 6193
Tetracaine hydrochloride, 6397
Tetracycline hydrochloride for, 6406
Thimerosal, 6440
Tolnaftate, 6518
Tretinoin, 6556

Topical suspension

Calamine, 3110
Calamine, phenolated, 3111
Ciclopirox olamine, 3414
Clindamycin phosphate, 3484
Penicillin G, neomycin, polymyxin B,
hydrocortisone acetate, and
hydrocortisone sodium succinate, 5597
Penicillin G procaine, neomycin and
polymyxin B sulfates, and hydrocortisone
acetate, 5614
Resorcinol and sulfur, 5994
Selenium sulfide, 6140
Sulfacetamide sodium, 6251
Zinc sulfide, 6758

Topiramate, 6521
capsules, 6523
tablets, 6525
Topiramate compounded
oral suspension, 6527
Torsemide, 6528
tablets, 6529
Total organic carbon (643), 522
Tragacanth, 7952
Tramadol hydrochloride, 6531
and acetaminophen oral suspension, 6538
and acetaminophen tablets, 2575
oral suspension, 6532
tablets, 6533
extended-release tablets, 6534
Tramadol hydrochloride compounded,
veterinary
oral suspension, 6539
Trandolapril, 6540
tablets, 6541
Tranexamic acid, 6542
Transdermal system
clonidine, 3512
nicotine, 5345
Transfer of analytical procedures (1224),
1778
Tranylcypromine
sulfate, 6545
tablets, 6543

Travoprost, 6547
ophthalmic solution, 6548
Trazodone hydrochloride, 6549
tablets, 6551
Trehalose, 7953
Trenbolone acetate, 6553
Tretinoin, 6554
cream, 6555
gel, 6555
topical solution, 6556
Triacetin, 6556
n-Triacontane, 2401
Triamcinolone, 6557
acetonide, 6558
acetonide cream, 6559
acetonide dental paste, 6561
acetonide injectable suspension, 6565
acetonide topical aerosol, 6559
acetonide lotion, 6560
acetonide and neomycin sulfate cream,
5326
acetonide and nystatin cream, 5407
acetonide, nystatin, neomycin sulfate, and
gramicidin cream, 5404
acetonide, nystatin, neomycin sulfate, and
gramicidin ointment, 5404
acetonide, nystatin, neomycin sulfate and
thiostrepton cream, 5405
acetonide, nystatin, neomycin sulfate, and
thiostrepton ointment, 5406
acetonide and nystatin ointment, 5407
acetonide ointment, 6560
acetonide nasal spray, 6561
diacetate, 6565
diacetate injectable suspension, 6566
diacetate oral solution, 6566
hexacetonide, 6567
hexacetonide injectable suspension, 6568
tablets, 6557
2,4,6-Triamino-5-nitrosopyrimidine, 2401
Triamterene, 6569
capsules, 6569
and hydrochlorothiazide capsules, 6571
and hydrochlorothiazide tablets, 6573
Triazolam, 6574
tablets, 6575
Tribasic calcium phosphate, 7552
Tribasic sodium phosphate, 7885
Tributyl
citrate, 7954
phosphate, 2401
Tributylethylammonium hydroxide, 2401
Tributyrin, 2401
Trichlormethiazide, 6576
tablets, 6577
Trichloroacetic acid, 2401
Trichloroethane, 2401
Trichlorofluoromethane, 2401
Trichloromonofluoromethane, 7955
Trichlorotrifluoroethane, 2401
Tricitrates oral solution, 6577
Triclocarban, 6578
Triclosan, 6580
n-Tricosane, 2401
Trientine hydrochloride, 6582
capsules, 6583
Triethanolamine, 2401
Triethylamine, 2401
hydrochloride, 2401
phosphate, 2401
Triethyl citrate, 7956
Triethylenediamine, 2402
Triethylene glycol, 2402
Trifluoperazine
hydrochloride, 6584

Trifluoperazine (*continued*)
 hydrochloride injection, 6585
 hydrochloride tablets, 6585
 oral solution, 6584

Trifluoroacetic
 acid, 2402
 anhydride, 2402

Trifluoroacetic acid (TFA) in peptides (503.1), 394

2,2,2-Trifluoroethanol, 2402

2,2,2-Trifluoroethyldifluoromethyl ether, 2402

(*m*-Trifluoromethylphenyl)
 trimethylammonium hydroxide in methanol, 2402

5-(Trifluoromethyl)uracil, 2402

α,α,α -Trifluoro-*p*-cresol, 2402

Trifluorovinyl chloride polymer, 2402

Triflupromazine, 6586
 hydrochloride, 6587
 hydrochloride injection, 6588
 hydrochloride tablets, 6588
 oral suspension, 6586

Trifluridine, 6589

Triglycerides medium-chain, 7957

Trihexyphenidyl hydrochloride, 6589
 extended-release capsules, 6590
 oral solution, 6591
 tablets, 6591

Trikates oral solution, 6593

Triketohydrindene hydrate
 TS, 2418, 2423

Trimeprazine
 oral solution, 6594
 tartrate, 6593
 tartrate tablets, 6595

Trimethobenzamide hydrochloride, 6595
 capsules, 6596
 injection, 6596

Trimethoprim, 6597
 and polymyxin B sulfate ophthalmic solution, 5754
 and sulfamethoxazole injection, 6269
 and sulfamethoxazole oral suspension, 6270
 and sulfamethoxazole tablets, 6272
 sulfate, 6598
 tablets, 6598

Trimethylacetylhydrazide ammonium chloride, 2361, 2402

Trimethylchlorosilane, 2402

2,2,4-Trimethylpentane, 2366, 2402

2,4,6-Trimethylpyridine, 2402

N-(Trimethylsilyl)-imidazole, 2403

Trimethyltin bromide, 2403

Trimipramine maleate, 6599

2,4,6-Trinitrobenzenesulfonic acid, 2403

Trinitrophenol, 2403
 TS, 2419, 2423

Triethylphosphine oxide, 2403

Trioxsalen, 6600
 tablets, 6601

Tripeleminamine hydrochloride, 6601
 injection, 6602
 tablets, 6603

1,3,5-Triphenylbenzene, 2403

Triphenylmethane, 2403

Triphenylmethanol, 2403

Triphenyltetrazolium
 chloride, 2403
 chloride TS, 2423

Tripolidine
 hydrochloride, 6603
 hydrochloride oral solution, 6604
 hydrochloride tablets, 6605

and pseudoephedrine hydrochlorides oral solution, 6606

and pseudoephedrine hydrochlorides tablets, 6606

Tris(2-aminoethyl)amine, 2403

Tris(hydroxymethyl)aminomethane, 2403
 acetate, 2403
 hydrochloride, 2403

N-Tris(hydroxymethyl)methylglycine, 2403

Trisulfapyrimidines
 oral suspension, 6607
 tablets, 6608

Tritirachium album proteinase K, 2403

Trolamine, 7959
 salicylate, 6608

Tromethamine, 2403, 6609
 carboprost, 3205
 carboprost, injection, 3206
 for injection, 6610

Tropaeolin OO, 2403

Tropic acid, 2403

Tropicamide, 6610
 ophthalmic solution, 6612

Tropine, 2403

Tropium chloride, 6613
 tablets, 6614

Trypan blue, 2403

Trypsin, crystallized, 6616

Tryptone, 2403

Tryptophan, 6617
 5-Hydroxy-L-, 7227

L-Tryptophane, 2403

Tuberculin purified protein derivative (*Tuberculin PPD*), 2404

Tubocurarine chloride, 2404, 6618
 injection, 6619

Tungstic acid, 2404

Turmeric, 7228
 powdered, 7230
 extract, powdered, 7232

Turmeric paper, 2409

Tylosin, 6619
 granulated, 6620
 injection, 6621
 tartrate, 6622

Tyloxapol, 6623

Tyrosine, 6624

L-Tyrosine disodium, 2404

Tyrosine, 6625

U

Ubidecarenone, 7233
 capsules, 7234
 tablets, 7235

Ubiquinol, 7236
 capsules, 7237

Ultraviolet-visible spectroscopy (857), 789

Ultraviolet-visible spectroscopy—theory and practice (1857), 2229

Undecylenic acid, 6626
 ointment, compound, 6626

Uniformity of dosage units (905), 802

Uracil, 2404

Uranyl acetate, 2404
 cobalt, TS, 2414
 zinc, TS, 2423

Urea, 2404, 6627
 C 13, 3199
 C 13 for oral solution, 3200
 C 14 capsules, 3201

for injection, 6628

Urethane, 2404

Uridine, 2404

Ursodiol, 6628
 capsules, 6629
 oral suspension, 6630
 tablets, 6631

USP and NF excipients listed by category, 7485

USP policies, xxix

USP reference standards (11), 104

V

Vaccine

Anthrax adsorbed, 2828
 BCG, 2955

Vaccines for human use
 bacterial vaccines (1238), 1943
 general considerations (1235), 1905
 polysaccharide and glycoconjugate vaccines (1234), 1888

Vaccinia immune globulin, 6633

Valacyclovir
 oral suspension, 6633
 tablets, 6633

Valacyclovir hydrochloride, 6635

Valerian, 7238
 extract, powdered, 7241
 powdered, 7240
 tablets, 7244
 tincture, 7243

Valeric acid, 2404

Valerophenone, 2404

Valganciclovir
 hydrochloride, 6639
 tablets, 6638

Validation
 of alternative microbiological methods (1223), 1756
 of compendial procedures (1225), 1780
 of microbial recovery from pharmacopeial articles (1227), 1787

Validation of alternative methods to antibiotic microbial assays (1223.1), 1770

Valine, 6642

Valproate sodium
 injection, 6643

Valproic acid, 6644
 capsules, 6645
 oral solution, 6646

Valrubicin, 6646
 intravesical solution, 6648

Valsartan, 6649
 tablets, 6650
 amlodipine, and hydrochlorothiazide tablets, 2767
 and amlodipine tablets, 2763
 and hydrochlorothiazide tablets, 6651

Vanadium pentoxide, 2404

Vanadyl sulfate, 2404

Vancomycin, 6654
 hydrochloride, 6656
 hydrochloride capsules, 6658

Vancomycin (*continued*)
 hydrochloride for injection, 6658
 hydrochloride for oral solution, 6660
 injection, 6655
 Vanilla, 7959
 tincture, 7960
 Vanillin, 7960
 Vapor phase sterilization (1229.11), 1847
 Varicella-zoster immune globulin, 6661
 Vasopressin, 6662
 injection, 6662
 Vecuronium bromide, 6663
 Vegetable oil, hydrogenated, 7961
 Vehicle
 for oral solution, 7788
 for oral solution, sugar free, 7788
 for oral suspension, 7788
 suspension structured, 7948
 suspension structured, sugar-free, 7948
 Venlafaxine
 hydrochloride, 6666
 hydrochloride extended-release capsules,
 6667
 tablets, 6664
 Verapamil hydrochloride, 6674
 extended-release capsules, 6675
 injection, 6676
 oral solution, 6677
 oral suspension, 6678
 tablets, 6678
 extended-release tablets, 6680
 Vardenafil
 hydrochloride, 6660
 Verification of compendial procedures
 (1226), 1786
 Verteporfin, 6683
 for injection, 6684

Veterinary

Atenolol compounded oral suspension,
 2889
 Benazepril hydrochloride compounded oral
 suspension, 2963
 Buprenorphine compounded buccal
 solution, 3069
 Doxycycline compounded oral suspension,
 veterinary, 3895
 Enalapril maleate compounded oral
 suspension, 3970
 Methylene blue injection, 5107
 Pergolide oral suspension, 5642
 Potassium bromide oral solution, 5762
 Prednisolone compounded oral suspension,
 5816
 Sodium bromide injection, 6179
 Sodium bromide oral solution, 6180
 Spironolactone compounded oral
 suspension, 6222
 Tramadol hydrochloride compounded oral
 suspension, 6539
 Voriconazole compounded ophthalmic
 solution, 6710
 Vibrational circular dichroism
 spectroscopy theory and practice (1782),
 2136
 Vibrational circular dichroism spectroscopy
 (782), 649
 Vigabatrin, 6685
 for oral solution, 6687
 tablets, 6688
 Vinblastine sulfate, 6690
 for injection, 6691

Vincristine sulfate, 6693
 injection, 6694
 for injection, 6695

Vinorelbine
 injection, 6698
 tartrate, 6697
 Vinpocetine, 7245
 capsules, 7247
 tablets, 7247
 Vinyl acetate, 2405
 2-Vinylpyridine, 2405
 Vinylpyrrolidinone, 2405
 Viral safety evaluation of biotechnology
 products derived from cell lines of human
 or animal origin (1050), 1067
 Virology test methods (1237), 1922
 Virus testing of human plasma for further
 manufacture (1240), 1956
 Viscosity—capillary methods (911), 806
 Viscosity—pressure driven methods (914),
 814
 Viscosity—rolling ball method (913), 812
 Viscosity—rotational methods (912), 808
 Visible particulates in injections (790), 671
 Vitamin
 A, 6699
 A assay (571), 454
 A capsules, 6700
 A oral liquid preparation, 6701
 A tablets, 6702
 B₁₂ activity assay (171), 242
 C assay (580), 459
 C and zinc lozenges, 7475
 D assay (581), 462
 D and calcium with minerals tablets, 6864
 D with calcium tablets, 6863
 E, 6703
 E assay (551), 419
 E capsules, 6705
 E polyethylene glycol succinate, 7961
 E preparation, 6707
 Vitamins
 capsules, oil-soluble, 7248
 capsules, oil- and water-soluble, 7290
 capsules, water-soluble, 7400
 with minerals capsules, oil- and water-
 soluble, 7336
 with minerals capsules, water-soluble,
 7423
 with minerals oral solution, oil- and water-
 soluble, 7361
 with minerals oral solution, water-soluble,
 7443
 with minerals tablets, oil- and water-
 soluble, 7375
 with minerals tablets, water-soluble, 7451
 with minerals capsules, oil-soluble, 7265
 with minerals oral solution, oil-soluble,
 7275
 with minerals tablets, oil-soluble, 7280
 oral solution, oil-soluble, 7255
 oral solution, oil- and water-soluble, 7309
 tablets, oil-soluble, 7258
 tablets, oil- and water-soluble, 7318
 tablets, water-soluble, 7412

Volumetric
 apparatus (31), 110
 solutions, 2423
 Voriconazole, 6708
 Voriconazole compounded, veterinary
 ophthalmic solution, 6710

W

Warfarin sodium, 6712
 for injection, 6714
 tablets, 6715
 Washed sand, 2405

Water

Water, 2405
 Ammonia, stronger, 2332, 2395, 2412
 Ammonia, 25 percent, 2332
 Ammonia-free, 2405
 Carbon dioxide-free, 2405
 Cetyltrimethylammonium chloride, 25
 percent in, 2345
 conductivity (645), 523
 Deaerated, 2405
 determination (921), 815
 Deuterated, 2350
 D-Gluconic acid, 50 percent in, 2361
 for hemodialysis, 6717
 for hemodialysis applications (1230), 1851
 Hydrazine hydrate, 85% in, 2363
 for inhalation, sterile, 6718
 for injection, 6717
 for injection, bacteriostatic, 6717
 for injection, sterile, 6718
 for irrigation, sterile, 6718
 Methylamine, 40 percent in, 2371
 organic-free, 2405
 particle-free, 2405
 Peppermint, 7797
 for pharmaceutical purposes (1231), 1852
 Pure steam, 6719
 Purified, 6719
 Purified, sterile, 6719
 Rose, ointment, 6079
 Rose, stronger, 7866
 solid interactions in pharmaceutical
 systems (1241), 1966
 Soluble vitamins capsules, 7400
 Soluble vitamins with minerals capsules,
 7423
 Soluble vitamins with minerals oral
 solution, 7443
 Soluble vitamins with minerals tablets,
 7451
 Soluble vitamins tablets, 7412
 Stronger ammonia, 2395
 Vapor detector tube, 2405
 Vitamins capsules, and oil-soluble, 7290
 Vitamins with minerals capsules, and oil-
 soluble, 7336
 Vitamins with minerals oral solution, and
 oil-soluble, 7361
 Vitamins with minerals tablets, and oil-
 soluble, 7375
 Vitamins oral solution, and oil-soluble,
 7309
 Vitamins tablets, and oil-soluble, 7318

Wax
 carnauba, 7962
 emulsifying, 7963
 microcrystalline, 7963
 white, 7964
 yellow, 7964
 Weighing on an analytical balance (1251),
 1970

Weight variation of dietary supplements
(2091), 2277
Wheat
 bran, 6720
 starch, 7928
Witch hazel, 6721
Wound matrix small intestinal submucosa,
 6120
Wright's stain, 2405
Written prescription drug information—
 guidelines (1265), 1976

X

Xanthan gum, 7965
 solution, 7966
Xanthine, 2405
Xanthidrol, 2405
Xenon Xe 127, 6722
Xenon Xe 133, 6722
 injection, 6722
X-ray fluorescence spectrometry (735), 615
X-ray fluorescence spectrometry—theory and
 practice (1735), 2074
Xylazine, 6723
 hydrochloride, 6724
 injection, 6725
Xylene, 2405
 m-Xylene, 2405
 o-Xylene, 2405
 p-Xylene, 2406
Xylene cyanole FF, 2406
Xylenol orange, 2408
 TS, 2423
Xylitol, 7966
Xylometazoline hydrochloride, 6726
 nasal solution, 6726
Xylose, 2406, 6727

Y

Yeast extract, 2406
Yellow mercuric oxide, 2406
Yohimbine
 hydrochloride, 6729
 injection, 6729
Yttrium Y 90 ibritumomab tiuxetan
 injection, 6730

Z

Zalcitabine, 6732
 tablets, 6733
Zaleplon, 6733
 capsules, 6735
Zanamivir, 6737
 meso-Zeaxanthin, 7470
 preparation, 7471
Zein, 7967
Zidovudine, 6738
 capsules, 6739
 injection, 6740
 and lamivudine tablets, 4769

 oral solution, 6741
 tablets, 6743
Zileuton, 6744
Zinc, 2406
 acetate, 2406, 6746
 acetate oral solution, 6747
 activated, 2406
 amalgam, 2406
 carbonate, 6747
 chloride, 6748
 chloride, anhydrous, powdered, 2406
 chloride injection, 6749
 citrate, 7473
 citrate tablets, 7474
 determination (591), 471
 gluconate, 6750
 gluconate tablets, 6751
 oxide, 6752
 oxide neutral, 6753
 oxide ointment, 6754
 oxide paste, 6754
 oxide and salicylic acid paste, 6754
 stearate, 6755
 sulfate, 6756
 sulfate heptahydrate, 2406
 sulfate injection, 6756
 sulfate ophthalmic solution, 6757
 sulfate oral solution, 6757
 sulfate tablets, 6758
 sulfate, twentieth-molar (0.05 M), 2436
 sulfide topical suspension, 6758
 undecylenate, 6758
 uranyl acetate TS, 2423
 and vitamin C lozenges, 7475
Zinc sulfate
 0.1 M VS, 2436
Ziprasidone hydrochloride, 6759
Zirconyl
 nitrate, 2406
Zolazepam
 hydrochloride, 6762
 and tiletamine for injection, 6475
Zolmitriptan, 6762
 tablets, 6764
 orally disintegrating tablets, 6766
Zolpidem tartrate, 6768
 tablets, 6769
 extended-release tablets, 6771
Zonisamide, 6775
 capsules, 6776
Zonisamide compounded
 oral suspension, 6778