WorldCat®

Peer-reviewed

A generator for production of 212Pb and 212Bi

Authors: Sindre P. Hassfjell, Per Hoff

Summary: A generator has been developed for the production of the α-emitting radionuclide 212 Bi and its parent nuclide 212 Pb. The genrator is based on the emanation of 220 Rn from [228 Th]barium stearate. The decay product of 220 Rn, 212 Pb deposits on the walls of a polyethylene botlle, and can be washed off with distilled water. The generator shows no leakage of any long-lived parent nuclides, is easy to operate and has a high degree of radiation safety

Article

Edition: View all formats and editions

Publication:
Applied Radiation and Isotopes, 45, 1994, 1021

ISSN:
0969-8043

DOI:
10.1016/0969-8043(94)90170-8

OCLC Number / Unique Identifier:
4933732747

Notes:
fla Full-Length Article

Language Notes:
English

More Information:
dx.doi.org

Howard University
0.9 miles from your current location.
Founders Library, 500 Howard Place NW, Washington, DC, 20059, United States

AdvanCell
Ex. 1004 - Page 1

International Monetary Fund
1.6 miles from your current location.
700 19th St, NW, Washington, DC, 20431, United States

George Washington University
Himmelfarb Health Sciences Library
1.6 miles from your current location.
Himmelfarb Health Sci Libr- Ill, 2300 I (Eye) Street, NW, Washington, DC, 20037, United States

Library of Congress
2.8 miles from your current location.
101 Independence Avenue, SE, Washington, DC, 20540, United States

American University
American University Library; Bender Library
3 miles from your current location.
4400 Massachusetts Avenue Northwest, Washington, DC, 20016-8046, United States

National Library of Medicine
5.7 miles from your current location.
8600 Rockville Pike, Bethesda, MD, 20894, United States

Institute for Defense Analyses Library
IDA Library
6.1 miles from your current location.
730 East Glebe Road, Alexandria, VA, 22305, United States

University of Maryland Libraries
UMD Libraries
6.6 miles from your current location.
McKeldin Library - ILL, University of Maryland, 7649 Library Lane, College Park, MD, 20742-7011, United States

Montgomery College Library
14 miles from your current location.
Montgomery College Library, 51 Mannakee Street, Macklin Tower, Suite 303, Rockville, MD, 20850, United States

George Mason University
Fenwick Library
16 miles from your current location.

4400 University Drive, Fairfax, VA, 22030-4444, United States