

Product Information

Specifications

Actinium-225/Bismuth-213 Generator

Half-Life/Daughter	9.920 days to francium-221
Decay	Decay Radiation Information (NNDC)
Chemical Form	Ac-225 absorbed on AG MP-50 resin
Radionuclide Purity	≥99% by activity (gamma spectroscopy), not including Ac-227 or daughter isotopes; ≤2% Ac-227 at shipment (value extrapolated from earlier runs)
Production Route	Proton bombardment of natural thorium target
Processing	Separated by ion exchange and extraction chromatography
Primary Container	Generator is housed in an inch and a quarter lead pig with inlet/outlet holes
Availability	Special order
Unit of Sale	Millicuries

Other Information

- Product is developed using the accelerator-produced actinium-225