

Product Information

Specifications

Promethium-147

Half-Life/Daughter	2.62 years to Sm-147
Decay	Decay Radiation Information (NNDC)
Chemical Form	Chloride or nitrate salt
Available Specific Activity	$\geq 483 \text{ Ci/g } ^{147}\text{PmCl}_3$ ($\geq 834.3 \text{ Ci/g } ^{147}\text{Pm}$)
Radionuclide Purity	99.99%
Production Route	Fission product from the Pu-238 production
Processing	Dissolution, ion exchange, chromatographic separations, and solvent extractions
Primary Container	Screw cap glass V-vial in nonreturnable container
Availability	Routinely available
Unit of Sale	Curies

Other Information