

MANAGED BY THE U.S. DEPARTMENT OF ENERGY ISOTOPE PROGRAM

Product Information

Specifications Actinium-225 (Thorium-229 Decay Product)

Half-Life/Daughter	9.920 days to francium-221
Decay	Decay Radiation Information (NNDC)
Chemical Form	Solid actinium nitrate
Radioisotopic Purity	100% Ac-225
Radionuclide Purity	>98% Ac-225; <2% Ra-225
Production Route	Decay of thorium-229
Processing	Separated by ion exchange and solvent extraction
Primary Container	Glass screw top V-vial in nonreturnable container
Availability	Routinely available (weekly); order far in advance due to limited supply
Unit of Sale	Millicurie

Other Information

Can also be supplied as a low-activity bismuth-213 generator

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