

Thorium-228 Product Information

Specifications

Radioisotope	Th-228
Half-Life/Daughter	1.9116 years to radium-224
Decay	Decay Radiation Information (NNDC)
Chemical Form	Nitrate solid
Available Specific Activity	31.1 TBq/g (8.4 x 10 ² Ci/g), no carrier added
Radionuclidic Purity	>99%
Radioisotopic Purity	>99%
Production Route	Irradiation of radium-226
Processing	Ion exchange separation
Primary Container	Glass screw top bottle in nonreturnable container
Availability	Stock
Unit of Sale	Millicuries

Other Information

- Classed as a nuclear material requiring documentation of transfer (DOE/NRC Form 741)