

Uranium-234 Product Information

Specifications

Radioisotope	U-234
Half-Life/Daughter	2.455 x 10 ⁵ years to thorium-230
Decay	Decay Radiation Information (NNDC)
Chemical Form	Oxide powder
Radionuclidic Purity	>94% by weight
Radioisotopic Purity	94% U-234; ~5% by weight U-235, >1% by weight U-236, 238
Production Route	Decay of plutonium-238
Processing	Ion exchange from plutonium-238
Primary Container	Glass bottle in a nonreturnable or returnable container
Availability	Stock
Unit of Sale	Milligrams

Other Information

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