

Product Information

Specifications

Uranium-234

Half-Life/Daughter

2.455 x 10⁵ 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 screw cap 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)