

Curium-244 Product Information

Specifications

Radioisotope	Cm-244
Half-Life/Daughter	18.11 years to plutonium-240
Decay	Decay Radiation Information (NNDC)
Chemical Form	Nitrate solid
Radionuclidic Purity	70–75% Cm-244 (remaining is Cm-243, Cm-245, Cm-246, Cm-248)
Production Route	Successive neutron captures and beta decays of plutonium-242
Processing	Radiochemical processing
Primary Container	Glass screw cap bottle in nonreturnable container
Availability	Stock
Unit of Sale	Milligrams

Other Information

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