

Product Information

Specifications

Curium-248

Half-Life/Daughter

3.48 x 10⁵ years to plutonium-244

Decay

[Decay Radiation Information \(NNDC\)](#)

Chemical Form

Nitrate or chloride solid

Radionuclide Purity

>96% by weight

Radioisotopic Purity

>96% by weight Cm-248; 3–4% Cm-246; and trace quantities of Cm-244, Cm-245 and Cm-247

Production Route

Decay of californium-252

Processing

Transuranic processing

Primary Container

Nonreturnable glass bottle

Availability

Stock

Unit of Sale

Micrograms

Other Information

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