

Plutonium-239 Product Information

Specifications

Radioisotope	Pu-239
Half-Life/Daughter	24110 years to uranium-235
Decay	Decay Radiation Information (NNDC)
Chemical Form	Oxide powder
Radionuclidic Purity	≥99% by weight
Radioisotopic Purity	>99 wt%, Pu-239
Production Route	Neutron irradiation of uranium-238 and electromagnetic separation of plutonium isotopes
Processing	Transuranic 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)