

Product Information

Specifications

Plutonium-239

Half-Life/Daughter

24110 years to uranium-235

Decay

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

Chemical Form

Oxide powder

Radioisotopic Purity

>99 wt%, Pu-239

Radionuclide Purity

≥99% by weight

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)