

# Product Information

## Specifications

### Americium-241

**Half-Life/Daughter**

432.6 years to neptunium-237

**Decay**

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

**Chemical Form**

Oxide powder

**Radioisotopic Purity**

>99% americium-241 of all americium by weight

**Production Route**

Decay of plutonium-241

**Processing**

Solvent extraction and/or Ion exchange chromatography

**Primary Container**

Stainless steel screw top container

**Availability**

Routinely available

**Unit of Sale**

Grams

**Chemical Purity**

> 95% 241AmO<sub>2</sub> by weight

**Pu Content**

< 1% by weight

## Other Information

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