

# Curium-248 Product Information

## Specifications

<b>Radioisotope</b>	<b>Cm-248</b>
<b>Half-Life/Daughter</b>	3.48 x 10 <sup>5</sup> years to plutonium-244
<b>Decay</b>	<a href="#">Decay Radiation Information (NNDC)</a>
<b>Chemical Form</b>	Nitrate or chloride solid
<b>Radionuclidic Purity</b>	>96% by weight
<b>Radioisotopic Purity</b>	>96% by weight Cm-248; 3–4% Cm-246; and trace quantities of Cm-244, Cm-245 and Cm-247
<b>Production Route</b>	Decay of californium-252
<b>Processing</b>	Transuranic processing
<b>Primary Container</b>	Nonreturnable glass bottle
<b>Availability</b>	Stock
<b>Unit of Sale</b>	Micrograms

## Other Information

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