

# Californium-252 Product Information

## Specifications

<b>Radioisotope</b>	<b>Cf-252</b>
<b>Half-life/Daughter</b>	2.645 years to curium-248
<b>Decay</b>	<a href="#">Decay Radiation Information (NNDC)</a>
<b>Chemical Form</b>	Solution or custom form
<b>Radionuclidic Purity</b>	>60–80% by atom Cf-252
<b>Production Route</b>	Successive neutron captures and beta decays of curium isotopes
<b>Processing</b>	Radiochemical processing
<b>Primary Container</b>	Dried solution in a quartz ampoule. If greater than A2 quantities, welded special form container.
<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)