

# Thorium-227 Product Information

## Specifications

<b>Radioisotope</b>	<b>Th-227</b>
<b>Half-Life/Daughter</b>	18.697 days to radium-223
<b>Decay</b>	<a href="#">Decay Radiation Information (NNDC)</a>
<b>Chemical Form</b>	Nitrate or chloride solid
<b>Radionuclidic Purity</b>	>99% by weight
<b>Production Route</b>	Decay of actinium-227
<b>Processing</b>	Ion exchange separation
<b>Primary Container</b>	Shielded screw-cap vial
<b>Availability</b>	Stock
<b>Unit of Sale</b>	Millicuries

## Other Information

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