

# Radium-224 Product Information

## Specifications

<b>Radioisotope</b>	<b>Ra-224</b>
<b>Half-Life/Daughter</b>	3.6319 days to radon-220
<b>Decay</b>	<a href="#">Decay Radiation Information (NNDC)</a>
<b>Chemical Form</b>	Radium chloride in 1 M HCl solution or solid radium nitrate
<b>Radionuclidic Purity</b>	>99.9% Ra-224; <0.1% Th-228
<b>Production Route</b>	Decay of thorium-228
<b>Processing</b>	Ion exchange separation
<b>Primary Container</b>	Glass V-vial
<b>Availability</b>	Routinely available (monthly)
<b>Unit of Sale</b>	Millicuries