

# Bismuth-207 Product Information

## Specifications

<b>Radioisotope</b>	<b>Bi-207</b>
<b>Half-Life/Daughter</b>	31.55 years to lead-207
<b>Decay</b>	<a href="#">Decay Radiation Information (NNDC)</a>
<b>Chemical Form</b>	Bismuth (III) in >4 M HNO <sub>3</sub>
<b>Activity Concentration</b>	1.85 MBq/mL (>50 µCi/mL)
<b>Radionuclidic Purity</b>	>99%
<b>Production Route</b>	Proton bombardment of natural lead target
<b>Processing</b>	Dissolution and ion exchange
<b>Primary Container</b>	Crimp-seal glass vial
<b>Availability</b>	Stock
<b>Unit of Sale</b>	Microcuries