

# Strontium-82 Product Information

## Specifications

<b>Radioisotope</b>	<b>Sr-82</b>
<b>Half-Life/Daughter</b>	25.34 days* to rubidium-82
<b>Decay</b>	<a href="#">Decay Radiation Information (NNDC)</a>
<b>Chemical Form</b>	Strontium (Sr <sup>2+</sup> ) chloride in 0.05–0.5 N HCl
<b>Available Specific Activity</b>	>925 MBq/mg (>25 mCi/mg)
<b>Activity Concentration</b>	>1850 MBq/mL (>50 mCi/mL)
<b>Radionuclidic Purity</b>	>99% (excluding strontium-85)
<b>Production Route</b>	Proton bombardment of rubidium chloride or rubidium metal target
<b>Processing</b>	Dissolution and ion exchange
<b>Primary Container</b>	Crimp-seal glass vial
<b>Availability</b>	Commercially available; Emergency back-up, as needed.
<b>Unit of Sale</b>	Millicuries
<b>Grade</b>	cGMP

## Other Information

- CoA provided
- Half-life value used internally differs from NNDC value