

Strontium-82 Product Information

Specifications

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

Other Information

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