

Strontium-89 Product Information

Specifications

Radioisotope	Sr-89
Half-Life/Daughter	50.563 days to yttrium-89
Decay	Decay Radiation Information (NNDC)
Chemical Form	Strontium chloride in 0.1–0.5 N HCl
Available Specific Activity	11.1 MBq/mL (>300 mCi/g)
Activity Concentration	>370 MBq/mL (>10 mCi/mL)
Radionuclidic Purity	>99.8%
Production Route	Neutron capture on enriched strontium-88 at High Flux Isotope Reactor
Processing	Dissolution and ion exchange
Primary Container	Screw cap bottle
Availability	Routinely available
Unit of Sale	Millicuries