

# Strontium-89 Product Information

## Specifications

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

## Other Information