

# Selenium-72 Product Information

## Specifications

<b>Radioisotope</b>	<b>Se-72</b>
<b>Half-life/Daughter</b>	8.40 days to arsenic-72
<b>Decay</b>	<a href="#">Decay Radiation Information (NNDC)</a>
<b>Chemical Form</b>	Selenium (IV) in 0.5–5.0 N HCl
<b>Activity Concentration</b>	37 MBq/mL (1 mCi/mL)
<b>Radionuclidic Purity</b>	Determined on each lot
<b>Production Route</b>	Proton-induced spallation of an arsenic target or proton bombardment of a sodium bromide target
<b>Processing</b>	Dissolution and ion exchange
<b>Primary Container</b>	Crimp-seal glass vial
<b>Availability</b>	Special order
<b>Unit of Sale</b>	Millicuries