

Selenium-72 Product Information

Specifications

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