

# Product Information

## Specifications

### Selenium-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)

**Radionuclide 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

## Other Information