

Bromine-77

Product Information

Specifications

Radioisotope	Br-77
Half-Life/Daughter	57.0 hours to selenium-77 (stable)
Decay	Decay Radiation Information (NNDC)
Chemical Form	Ammonium bromide in 0.1 M NH ₄ OH
Available Specific Activity	>200 GBq/μmol
Activity Concentration	0.7 – 1.4 kBq/μL (25 - 50 μCi/μL) at time of shipment
Radionuclidic Purity	>99.5%, <0.5% ⁷⁶ Br (t _{1/2} = 16 h) at time of shipment
Production Route	Co ⁷⁷ Se(p,n) ⁷⁷ Br
Processing	Dry distillation, anion exchange purification
Primary Container	Screw cap plastic vial
Availability	Special order
Unit of Sale	Millicuries

Other Information

Minimum order of 5 mCi

Typical shipment in 200 μL 0.1 M NH₄OH – other volume/matrices available on request