

Gold-199 Product Information

Specifications

Radioisotope	Au-199
Half-Life/Daughter	3.139 days to mercury-199
Decay	Decay Radiation Information (NNDC)
Chemical Form	Chloride solution (0.5 M HCl)
Available Specific Activity	207.88 Ci/mg)
Activity Concentration	4 mCi/μL to 20 mCi/μL
Radionuclidic Purity	
Production Route	n,p reaction on enriched Pt-198 target, followed by chemical separation
Processing	Irradiated platinum-198 is dissolved in HCl. Gold-199 is chemically separated from remaining target material
Primary Container	Screw cap plastic vial
Availability	On demand, 4 week lead time.
Unit of Sale	Millicuries