

MANAGED BY THE U.S. DEPARTMENT OF ENERGY ISOTOPE PROGRAM

## **Product Information**

Specifications G

Gold-199

Half-Life/Daughter	3.139 days to mercury-199
Decay	Decay Radiation Information (NNDC)
Chemical Form	Chloride solution (0.5 M HCI)
Available Specific Activity	207.88 Ci/mg
Activity Concentration	4 mCi/μL to 20 mCi/μL
Production Route	n,p reaction on enriched Pt-198 target, followed by chemical seperation
Processing	Irradiated platnum-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

## **Other Information**

National Isotope Development Center contact@isotopes.gov | (865) 574-6984 | www.isotopes.gov