

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

Product Information

Specifications

Iron-59

Half-Life/Daughter	44.5 days to colbalt-59
Decay	Decay Radiation Information (NNDC)
Chemical Form	Chloride solution (1 to 2.5 N HCI)
Available Specific Activity	≥1 mCi/mg
Activity Concentration	>1.85 MBq/mL (>0.05 mCi/mL)
Production Route	(n,gamma) reaction on enriched Fe-58 target
Processing	Irradiated iron-58 is dissolved in HCl
Primary Container	Screw cap plastic vial
Availability	Quarterly
Unit of Sale	Millicuries

Other Information

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