

Iron 59 Product Information

Specifications

Radioisotope	Fe-59
Half-Life/Daughter	44.5 days to cobalt-59
Decay	Decay Radiation Information (NNDC)
Chemical Form	Chloride solution (1 to 2.5 N HCl)
Available Specific Activity	≥1 mCi/mg
Activity Concentration	7 to 25 mCi/mL
Radionuclidic Purity	
Production Route	n,p 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