

# Iron-59 Product Information

## Specifications

<b>Radioisotope</b>	<b>Fe-59</b>
<b>Half-Life/Daughter</b>	44.5 days to cobalt-59
<b>Decay</b>	<a href="#">Decay Radiation Information (NNDC)</a>
<b>Chemical Form</b>	Chloride solution (1 to 2.5 N HCl)
<b>Available Specific Activity</b>	≥1 mCi/mg
<b>Activity Concentration</b>	>7 to 25 mCi/mL
<b>Radionuclidic Purity</b>	
<b>Production Route</b>	(n,gamma) reaction on enriched Fe-58 target
<b>Processing</b>	Irradiated iron-58 is dissolved in HCl
<b>Primary Container</b>	Screw cap plastic vial
<b>Availability</b>	Quarterly
<b>Unit of Sale</b>	Millicuries

## Other Information