

Product Information

Specifications

Nickel-63

Half-Life/Daughter

101.2 years to copper-63

Decay

[Decay Radiation Information \(NNDC\)](#)

Chemical Form

Chloride solution 0.1 M (HCl) or dried chloride solid

Available Specific Activity

>370 GBq/g (>10 Ci/g)

Radionuclide Purity

>99%

Production Route

Neutron capture on enriched nickel-62

Processing

Irradiated target dissolution followed by anion and cation exchange purification to a chloride solution in HCl

Primary Container

Glass vial in nonreturnable container

Availability

Stock

Unit of Sale

Millicuries

Other Information