

# Nickel-63 Product Information

## Specifications

<b>Radioisotope</b>	<b>Ni-63</b>
<b>Half-life/Daughter</b>	101.2 years to copper-63
<b>Decay</b>	<a href="#">Decay Radiation Information (NNDC)</a>
<b>Chemical Form</b>	Chloride solution 0.1 M (HCl) or dried chloride solid
<b>Available Specific Activity</b>	>370 GBq/g (>10 Ci/g)
<b>Radionuclidic Purity</b>	>99%
<b>Production Route</b>	Neutron capture on enriched nickel-62
<b>Processing</b>	Irradiated target dissolution followed by anion and cation exchange purification to a chloride solution in HCl
<b>Primary Container</b>	Glass vial in nonreturnable container
<b>Availability</b>	Stock
<b>Unit of Sale</b>	Millicuries