

# Silicon-32 Product Information

## Specifications

<b>Radioisotope</b>	<b>Si-32</b>
<b>Half-life/Daughter</b>	153 years to phosphorus-32
<b>Decay</b>	<a href="#">Decay Radiation Information (NNDC)</a>
<b>Chemical Form</b>	Si(IV) in 0.1 N NaOH
<b>Activity Concentration</b>	>37 kBq/mL (>1.0 μCi/mL)
<b>Radionuclidic Purity</b>	>99.9%
<b>Production Route</b>	Proton-induced spallation on potassium chloride target
<b>Processing</b>	Dissolution, ion exchange
<b>Primary Container</b>	Plastic vial
<b>Availability</b>	Stock
<b>Unit of Sale</b>	Microcuries