

# Vanadium-49 Product Information

## Specifications

<b>Radioisotope</b>	<b>V-49</b>
<b>Half-Life/Daughter</b>	330 days to titanium-49
<b>Decay</b>	<a href="#">Decay Radiation Information (NNDC)</a>
<b>Chemical Form</b>	Vanadium (V) in 6 N HCl
<b>Activity Concentration</b>	>37 kBq/mL (>1 µCi/mL)
<b>Radionuclidic Purity</b>	>99%
<b>Production Route</b>	Proton-induced spallation/bombardment on zinc oxide or titanium target
<b>Processing</b>	Dissolution and ion exchange
<b>Primary Container</b>	Crimp-seal glass vial
<b>Availability</b>	Special order
<b>Unit of Sale</b>	Millicuries