

Vanadium-49 Product Information

Specifications

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