

Zirconium-88 Product Information

Specifications

Radioisotope	Zr-88
Half-Life/Daughter	83.4 days to yttrium-88
Decay	Decay Radiation Information (NNDC)
Chemical Form	Zirconium (IV) in 2 N HCl
Activity Concentration	>37 MBq/mL (>1 mCi/mL)
Radionuclidic Purity	>99% (excluding yttrium-88 daughter)
Production Route	Proton bombardment of niobium or yttrium target
Processing	Dissolution and ion exchange or extraction chromatography
Primary Container	Crimp-seal glass vial
Availability	Special order
Unit of Sale	Millicuries