

Cerium-139 Product Information

Specifications

Radioisotope	Ce-139
Half-Life/Daughter	137.641 days to lanthanum-139
Decay	Decay Radiation Information (NNDC)
Chemical Form	Cerium (III) in 0.5 N HCl
Available Specific Activity	>25 Ci/g
Activity Concentration	>37 MBq/mL (>1 mCi/mL)
Radionuclidic Purity	>99.9%
Production Route	Proton bombardment on lanthanum target
Processing	Dissolution and ion exchange chromatography
Primary Container	Crimp-seal glass vial
Availability	Stock
Unit of Sale	Millicuries

Other Information