

Product Information

Specifications

Cerium-134

Half-Life/Daughter	3.16 days to lanthanum-134
Decay	Decay Radiation Information (NNDC)
Chemical Form	Ce (III) in 0.1M HCl
Available Specific Activity	>4000 Ci/g
Radioisotopic Purity	≥99%
Radioisotopic Purity	>99.8% (excluding Ce-135, Ce-137m, Ce-139 and La daughters), Ce-135 <1%, Ce-137m <5%, Ce-139 <3%
Production Route	Proton irradiation of La target
Processing	Dissolution and ion exchange
Primary Container	Glass crimp- top V-vial
Availability	Monthly
Unit of Sale	Millicuries

Other Information