

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

Radionuclide 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

Special Order

Unit of Sale

Millicuries

Other Information