

# Product Information

## Specifications

### Cerium-139

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

## Other Information