

Certificate of Analysis

Date of Testing: 2022-05-10 13:55:59
Date of Next Testing: 2026-05-09 13:55:59
Product Name: **Cerium oxide**
CAS Number: 1306-38-3
Specifications & Purity: 99.99% metals basis , <5 µm
Lot #: G1804137
SKU #: **C141507**
Analysis: **089920**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Trace Rare Earth Analysis	0-200 (ppm)	101.30 ppm
Particle size	0-5 (µm)	3.50 µm
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	100.00 %
loss on Ignition	0-1 (%)	0.65 %
Appearance (C141507)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
ICP: Confirms Cerium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager