

Certificate of Analysis

Date of Testing: 2021-10-08 22:38:01
Date of Next Testing: 2025-10-07 22:38:01
Product Name: **Cerium oxide**
CAS Number: 1306-38-3
Specifications & Purity: 99.99% metals basis , <5 µm
Lot #: I2130215
SKU #: **C141507**
Analysis: **021489**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Trace Rare Earth Analysis	0-200 (ppm)	185.00 ppm
Particle size	0-5 (µm)	3.44 µm
loss on Ignition	0-1 (%)	0.09%
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	99.99%
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