

## Certificate of Analysis

Date of Testing: 2024-05-25 15:00:30  
Date of Next Testing: 2028-05-24 15:00:30  
Product Name: **Cerium oxide**  
CAS Number: 1306-38-3  
Specifications & Purity: 99.99% metals basis , <5 µm  
Lot #: E2416041  
SKU #: **C141507**  
Version: **0**  
Analysis #: **075446**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Trace Rare Earth Analysis	0-200 (ppm)	0.00 ppm
Particle size	0-5 (µm)	2.83 µm
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	100.00 %
loss on Ignition	0-1 (%)	0.05 %
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