

## Certificate of Analysis

Date of Testing: 2022-09-06 16:31:42  
Date of Next Testing: 2026-09-05 16:31:42  
Product Name: **Cerium oxide**  
CAS Number: 1306-38-3  
Specifications & Purity: 99.95% metals basis ,white powder  
Lot #: I2202341  
SKU # **C103982**  
Version **0**  
Analysis #: **120436**

Parameter	Limit Values	Result
loss on Ignition	0-1 (%)	0.03 %
Trace Rare Earth Analysis	0-500 (ppm)	14.00 ppm
Purity(Based On Trace Rare Earth Analysis)	99.95-100 (%)	100.00 %
Appearance (C103982)	white powder	White powder
ICP: Confirms Cerium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager