

## Certificate of Analysis

Date of Testing: 2024-09-07 17:18:53  
Date of Next Testing: 2028-09-06 17:18:53  
Product Name: **Cerium oxide**  
CAS Number: 1306-38-3  
Specifications & Purity: 99.9% metals basis , yellow  
Lot #: I2405307  
SKU #: **C103980**  
Version: **1**  
Analysis #: **403705**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Trace Rare Earth Analysis	0-2000 (ppm)	849.00 ppm
Purity(Based On Trace Rare Earth Analysis of ICP)	99.9-100 (%)	99.92 %
Appearance (C103980)	yellow to tan powder	yellow to tan powder
ICP: Confirms Cerium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager