

## Certificate of Analysis

Date of Testing: 2022-11-21 09:34:51  
Date of Next Testing: 2026-11-20 09:34:51  
Product Name: **Cerium oxide**  
CAS Number: 1306-38-3  
Specifications & Purity: 99.9% metals basis , yellow  
Lot #: K2211540  
SKU #: **C103980**  
**Analysis:** **107530**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Trace Rare Earth Analysis	0-2000 (ppm)	303.00 ppm
Purity(Based On Trace Rare Earth Analysis of ICP)	99.9-100 (%)	99.97 %
loss on Ignition	0-1 (%)	0.08 %
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



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QA & QC Manager