

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2024-11-01 11:44:11  
Date of Next Testing: 2028-10-31 11:44:11  
Product Name: **Cerium oxide**  
CAS Number: 1306-38-3  
Specifications & Purity: PrimorTrace™, ≥99.99% metals basis  
Lot #: J2425390  
SKU #: **C103988**  
Version: **0**  
Analysis #: **421722**  
Storage Temperature: Argon charged

| Parameter                                  | Limit Values                  | Result                        |
|--------------------------------------------|-------------------------------|-------------------------------|
| Trace Rare Earth Analysis                  | 0-200 (ppm)                   | 1.00000 ppm                   |
| loss on Ignition                           | 0-1 (%)                       | 0.43000 %                     |
| Purity(Based On Trace Rare Earth Analysis) | 99.99-100 (%)                 | 99.99990 %                    |
| Appearance (C103988)                       | white to yellow to tan powder | white to yellow to tan powder |
| ICP: Confirms Cerium Component             | Confirmed                     | Confirmed                     |
| X-Ray Diffraction                          | Conforms to Structure         | Conforms to Structure         |



John Su  
QA & QC Manager