

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-19 14:51:51
Date of Next Testing: 2028-08-18 14:51:51
Product Name: **Cerium oxide**
CAS Number: 1306-38-3
Specifications & Purity: nanopowder,99.9% metals basis,<100 nm(SEM)
Lot #: K2003122
SKU #: **C103984**
Version: **0**
Analysis #: **400958**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Trace Rare Earth Analysis	0-2000 (ppm)	180.00 ppm
Particle Size(TEM)	0-100 (nm)	22.31 nm
Purity(Based On Trace Rare Earth Analysis)	99.9-100 (%)	99.98 %
Appearance (C103984)	White to Yellow Powder	White to Yellow Powder
ICP: Confirms Cerium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager