

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-14 18:22:31  
Date of Next Testing: 2026-05-04 18:22:31  
Product Name: **Cerium(III) iodide**  
CAS Number: 7790-87-6  
Specifications & Purity: anhydrous, powder,  $\geq 99.9\%$   
Lot #: H2209319  
SKU #: **C119183**  
**Analysis:** **357903**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis of ICP)	99.9-100 (%)	99.98 %
Complexometric EDTA (% Ce)	26.5-27.3 (%)	26.85 %
Trace Rare Earth Analysis	0-1000 (ppm)	182.60 ppm
Water by Karl Fischer	0-100 (ppm)	0.00 ppm
Appearance (C119183)	Yellow to Green Powder	Yellow to Green Powder
ICP: Confirms Cerium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager