

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-20 14:36:46
Date of Next Testing: 2026-07-10 14:36:46
Product Name: **Cerium(III) iodide**
CAS Number: 7790-87-6
Specifications & Purity: anhydrous, powder, $\geq 99.9\%$
Lot #: G2404551
SKU #: **C119183**
Version: **3**
Analysis #: **370833**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis of ICP)	99.9-100 (%)	99.99%
Trace Rare Earth Analysis	0-1000 (ppm)	144.00 ppm
Water by Karl Fischer	0-100 (ppm)	0.32 ppm
Complexometric EDTA (% Ce)	26.5-27.3 (%)	26.51%
ICP: Confirms Cerium Component	Confirmed	Confirmed
Appearance (C119183)	Yellow to Brown to Green Powder	Yellow to Brown to Green Powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager