

## Certificate of Analysis

Date of Testing: 2024-08-08 08:44:07  
Date of Next Testing: 2026-07-29 08:44:07  
Product Name: **Cerium(III) iodide**  
CAS Number: 7790-87-6  
Specifications & Purity: anhydrous, powder,  $\geq 99.9\%$   
Lot #: G2431161  
SKU #: **C119183**  
Version: **3**  
Analysis #: **391129**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis of ICP)	99.9-100 (%)	99.90 %
Trace Rare Earth Analysis	0-1000 (ppm)	1000.00 ppm
Water by Karl Fischer	0-100 (ppm)	98.00 ppm
Complexometric EDTA (% Ce)	25.8-27.4 (%)	26.53 %
Appearance (C119183)	Yellow to Brown to Green Powder	Yellow to Brown to Green Powder
ICP: Confirms Cerium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager