

Certificate of Analysis

Date of Testing: 2024-03-05 17:33:17
Date of Next Testing: 2026-02-23 17:33:17
Product Name: **Cerium(III) iodide**
CAS Number: 7790-87-6
Specifications & Purity: anhydrous, powder, $\geq 99.9\%$
Lot #: G2028158
SKU #: **C119183**
Analysis: **326294**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis of ICP)	99.9-100 (%)	99.90 %
Complexometric EDTA (% Ce)	26.5-27.3 (%)	27.10 %
Trace Rare Earth Analysis	0-1000 (ppm)	99.99 ppm
Water by Karl Fischer	0-100 (ppm)	99.99 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