

## Certificate of Analysis

Date of Testing: 2022-09-19 13:47:41  
Date of Next Testing: 2026-09-18 13:47:41  
Product Name: **Cerium(III) fluoride**  
CAS Number: 7758-88-5  
Specifications & Purity: 99.9% metals basis  
Lot #: I2209322  
SKU #: **C105384**  
**Analysis:** **127929**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis)	99.9-100 (%)	99.98 %
Trace Rare Earth Analysis	0-1000 (ppm)	179.00 ppm
Appearance (C105384)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
ICP: Confirms Cerium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager