

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-05-03 15:31:09  
Date of Next Testing: 2026-05-02 15:31:09  
Product Name: **Cerium(IV) sulfate**  
CAS Number: 13590-82-4  
Specifications & Purity: 97%  
Lot #: D2226098  
SKU #: **C119184**  
Analysis: **088578**

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.17 %
Purity	97-100 (%)	100.00 %
Ce(Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> )	39.6-44.7 (%)	44.00 %
Appearance (C119184)	Yellow,yellow-green or gold powder and/or chunks	Yellow,yellow-green or gold powder and/or chunks
ICP: Confirms cerium and sulfur component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager