

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-28 11:21:51  
Date of Next Testing: 2027-08-27 11:21:51  
Product Name: **Cerium(IV) sulfate**  
CAS Number: 13590-82-4  
Specifications & Purity: 97%  
Lot #: H2322038  
SKU #: **C119184**  
Analysis: **270362**

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.30 %
Purity	97-100 (%)	99.90 %
Ce(Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> )	39.6-44.7 (%)	42.87 %
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