

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-09 13:55:50  
Date of Next Testing: 2026-09-08 13:55:50  
Product Name: **Cerium(III) nitrate hexahydrate**  
CAS Number: 10294-41-4  
Specifications & Purity: 99.999% trace metals basis  
Lot #: I2308323  
SKU #: **C431280**  
**Analysis:** **267696**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity Based On Rare Earth Analysis	99.999-100 (%)	100.00 %
Cerium(Complexometric EDTA)	31.1-33.4 (%)	32.46000 %
Trace Rare Earth Analysis	0-15 (ppm)	8.00 ppm
Appearance(C431280)	White to Yellow Powder or Crystals or Chunk(s)	White to Yellow Powder or Crystals or Chunk(s)
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager