

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-04 13:48:32
Date of Next Testing: 2026-07-03 13:48:32
Product Name: **Cerium(III) nitrate hexahydrate**
CAS Number: 10294-41-4
Specifications & Purity: 99% trace metals basis
Lot #: F2314231
SKU #: **C431279**
Analysis: **220769**

Parameter	Limit Values	Result
Ce(Complexometric EDTA)	31.1-33.4 (%)	31.20%
Purity Based On Rare Earth Analysis	99-100 (%)	99.99%
Trace Rare Earth Analysis	0-10000 (ppm)	89.00 ppm
Appearance(C431279)	White to Off-White to Yellow Moist Powder or Crystals or Powder with Chunk(s) or Crystals with Chunk(s)	White to Off-White to Yellow Moist Powder or Crystals or Powder with Chunk(s) or Crystals with Chunk(s)
Solubility,5% in H2O,Clear,Colorless	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager