

Certificate of Analysis

Date of Testing: 2024-09-03 11:45:06
Date of Next Testing: 2027-09-03 11:45:06
Product Name: **Cerium(III) nitrate hexahydrate**
CAS Number: 10294-41-4
Specifications & Purity: 99% trace metals basis
Lot #: H2420457
SKU #: **C431279**
Version: **1**
Analysis #: **393386**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Ce(Complexometric EDTA)	31.1-33.4 (%)	32.34 %
Purity Based On Rare Earth Analysis	99-100 (%)	100.00 %
Trace Rare Earth Analysis	0-10000 (ppm)	39.00 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