

Certificate of Analysis

Date of Testing: 2023-11-22 12:27:01

Date of Next Testing: 2026-11-21 12:27:01

Product Name: **Cerium(III) chloride hydrate**

CAS Number: 19423-76-8

Specifications & Purity: 99.99%-Ce(REO)

Lot #: K2321403

SKU #: **C282998**

Analysis: **297951**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-34 (%)	32.16 %
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	99.99 %
Trace Rare Earth Analysis	0-100 (ppm)	73.00 ppm
Appearance(C282998)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
ICP: Confirms Cerium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager