

Certificate of Analysis

Date of Testing: 2024-07-04 11:09:47
Date of Next Testing: 2026-06-24 11:09:47
Product Name: **Cerium(III) chloride heptahydrate**
CAS Number: 18618-55-8
Specifications & Purity: 99.9% metals basis
Lot #: F2427361
SKU #: **C104760**
Version: **0**
Analysis #: **381429**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis)	99.9-100 (%)	100.00 %
Ce(Complexometric EDTA)	36.5-38.7 (%)	36.90 %
Water by Karl Fischer	32-34 (%)	33.98 %
Trace Rare Earth Analysis(by ICP Atomic emission)	0-2000 (ppm)	35.00 ppm
Appearance (C104760)	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