

Certificate of Analysis

Date of Testing: 2022-09-27 18:51:08
Date of Next Testing: 2026-09-26 18:51:08
Product Name: **Cerium(III) chloride heptahydrate**
CAS Number: 18618-55-8
Specifications & Purity: 99.99% metals basis
Lot #: I2220113
SKU #: **C104761**
Version: **0**
Analysis #: **120156**
Storage Temperature: Desiccated

| Parameter | Limit Values | Result |
|--|--|--|
| Purity(Based On Trace Rare Earth Analysis) | 99.99-100 (%) | 100.00 % |
| Ce(Complexometric EDTA) | 36.5-38.7 (%) | 37.30 % |
| Trace Rare Earth Analysis | 0-200 (ppm) | 13.00 ppm |
| Water by Karl Fischer | 32-34 (%) | 33.58 % |
| Appearance (C104761) | 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