

Certificate of Analysis

Date of Testing: 2023-05-09 11:28:03
Date of Next Testing: 2027-05-08 11:28:03
Product Name: **Cerium(III) chloride heptahydrate**
CAS Number: 18618-55-8
Specifications & Purity: 99.99% metals basis
Lot #: D23191062
SKU #: **C104761**
Analysis: **200744**
Storage Temperature: Desiccated

| Parameter | Limit Values | Result |
|--|--|--|
| Purity(Based On Trace Rare Earth Analysis) | 99.99-100 (%) | 99.99% |
| Ce(Complexometric EDTA) | 36.5-38.7 (%) | 37.86% |
| Trace Rare Earth Analysis | 0-200 (ppm) | 73.00 ppm |
| Water by Karl Fischer | 32-34 (%) | 32.16% |
| 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