

Certificate of Analysis

Date of Testing: 2022-09-21 09:30:47
Date of Next Testing: 2026-09-20 09:30:47
Product Name: **Lutetium(III) chloride hexahydrate**
CAS Number: 15230-79-2
Specifications & Purity: 99.9% metals basis
Lot #: K1830171
SKU #: **L119053**
Analysis: **137709**

| Parameter | Limit Values | Result |
|--|---|---|
| Lu(Complexometric EDTA) | 43.8-46.1 (%) | 45.25 % |
| Trace Rare Earth Analysis | 0-2000 (ppm) | 100.32 ppm |
| Purity(Based On Trace Rare Earth Analysis) | 99.9-100 (%) | 99.99 % |
| Water by Karl Fischer | 25-30 (%) | 25.62 % |
| Appearance (I119053) | Colorless to White Powder and/or Chunks | Colorless to White Powder and/or Chunks |
| ICP: Confirms Lutetium Component | Confirmed to structure | Confirmed to structure |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



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