

Certificate of Analysis

Date of Testing: 2023-03-09 15:22:05
Date of Next Testing: 2027-03-08 15:22:05
Product Name: **Lutetium chloride hexahydrate**
CAS Number: 15230-79-2
Specifications & Purity: $\geq 99.99\%$ metals basis
Lot #: E1920119
SKU #: **L119054**
Analysis: **196543**

| Parameter | Limit Values | Result |
|--|---|---|
| Trace Rare Earth Analysis | 0-200 (ppm) | 100.00 ppm |
| Water by Karl Fischer | 25-30 (%) | 26.80% |
| Purity(Based On Trace Rare Earth Analysis) | 99.99-100 (%) | 99.99% |
| Lu(Complexometric EDTA) | 43.8-46 (%) | 44.60% |
| Appearance (L119054) | 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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