

## Certificate of Analysis

Date of Testing: 2022-12-05 18:27:55  
Date of Next Testing: 2026-12-04 18:27:55  
Product Name: **Lutetium chloride hexahydrate**  
CAS Number: 15230-79-2  
Specifications & Purity:  $\geq 99.99\%$  metals basis  
Lot #: L2201154  
SKU #: **L119054**  
Analysis: **128648**

Parameter	Limit Values	Result
Trace Rare Earth Analysis	0-200 (ppm)	55.00 ppm
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	99.99%
Water by Karl Fischer	25-30 (%)	29.99%
Lu(Complexometric EDTA)	43.8-46 (%)	44.05%
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



John Su  
QA & QC Manager