

Certificate of Analysis

Date of Testing: 2024-05-06 13:19:21
Date of Next Testing: 2028-05-05 13:19:21
Product Name: **Lutetium chloride hexahydrate**
CAS Number: 15230-79-2
Specifications & Purity: $\geq 99.99\%$ metals basis
Lot #: D2411291
SKU #: **L119054**
Analysis: **334591**

Parameter	Limit Values	Result
Trace Rare Earth Analysis	0-200 (ppm)	76.00 ppm
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	99.99%
Lu(Complexometric EDTA)	43.8-46 (%)	44.56%
Water by Karl Fischer	25-30 (%)	26.16%
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