

Certificate of Analysis

Date of Testing: 2024-10-29 15:20:00
Date of Next Testing: 2028-10-28 15:20:00
Product Name: **Lutetium chloride hexahydrate**
CAS Number: 15230-79-2
Specifications & Purity: PrimorTrace™, ≥99.99% metals basis
Lot #: J2422610
SKU #: **L119054**
Version: **0**
Analysis #: **414793**

Parameter	Limit Values	Result
Lu(Complexometric EDTA)	43.8-46 (%)	44.80%
Water by Karl Fischer	25-30 (%)	28.27%
Trace Rare Earth Analysis	0-200 (ppm)	100.00 ppm
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	99.99%
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