

Certificate of Analysis

Date of Testing: 2022-09-21 09:34:15
Date of Next Testing: 2026-09-20 09:34:15
Product Name: **Lutetium(III) chloride hexahydrate**
CAS Number: 15230-79-2
Specifications & Purity: 99.9% metals basis
Lot #: K1830172
SKU #: **L119053**
Analysis: **137710**

Parameter	Limit Values	Result
Lu(Complexometric EDTA)	43.8-46.1 (%)	45.32%
Trace Rare Earth Analysis	0-2000 (ppm)	100.36 ppm
Purity(Based On Trace Rare Earth Analysis)	99.9-100 (%)	99.96%
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



John Su
QA & QC Manager