

Certificate of Analysis

Date of Testing: 2023-01-05 10:25:47
Date of Next Testing: 2027-01-04 10:25:47
Product Name: **Lanthanum nitrate hexahydrate**
CAS Number: 10277-43-7
Specifications & Purity: 99.99% metals basis
Lot #: L2212062
SKU #: **L106048**
Analysis: **154362**

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	100.00 %
La(Complexometric EDTA)	30.8-31.8 (%)	31.30 %
Trace Rare Earth Analysis	0-200 (ppm)	45.00 ppm
Water by Karl Fischer	23-27 (%)	23.02 %
Appearance (L106048)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
ICP: Confirms Lanthanum Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager