

## Certificate of Analysis

Date of Testing: 2022-08-04 11:38:41  
Date of Next Testing: 2026-08-03 11:38:41  
Product Name: **Lanthanum nitrate hexahydrate**  
CAS Number: 10277-43-7  
Specifications & Purity: 99.99% metals basis  
Lot #: G2221139  
SKU #: **L106048**  
Analysis: **106542**

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	99.99%
La(Complexometric EDTA)	30.8-31.8 (%)	31.20%
Trace Rare Earth Analysis	0-200 (ppm)	66.00 ppm
Water by Karl Fischer	23-27 (%)	26.98%
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