

## Certificate of Analysis

Date of Testing: 2024-08-27 15:57:22  
Date of Next Testing: 2028-08-26 15:57:22  
Product Name: **Lanthanum nitrate hexahydrate**  
CAS Number: 10277-43-7  
Specifications & Purity: 99.9% metals basis  
Lot #: H2422392  
SKU #: **L106050**  
Version: **1**  
Analysis #: **404815**

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis)	99.9-100 (%)	99.99%
La(Complexometric EDTA)	30.8-31.8 (%)	31.78%
Trace Rare Earth Analysis(by ICP Atomic emission)	0-2000 (ppm)	74.00 ppm
Appearance (L106050)	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