

## Certificate of Analysis

Date of Testing: 2024-05-15 18:11:39  
Date of Next Testing: 2028-05-14 18:11:39  
Product Name: **Lanthanum nitrate hexahydrate**  
CAS Number: 10277-43-7  
Specifications & Purity: 99.999% metals basis  
Lot #: E2407046  
SKU #: **L106051**  
Analysis: **258333**

Parameter	Limit Values	Result
La(Complexometric EDTA)	31-35 (%)	32.50 %
Purity(Based On Trace Rare Earth Analysis)	99.999-100 (%)	100.00 %
Trace Rare Earth Analysis	0-20 (ppm)	4.00 ppm
Water by Karl Fischer	23-27 (%)	24.41 %
Appearance (L106051)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
ICP: Confirms Lanthanum Component	Confirmed	Confirmed
Solubility in H <sub>2</sub> O , Clear , 5% in H <sub>2</sub> O	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager