

## Certificate of Analysis

Date of Testing: 2023-01-05 10:13:38  
Date of Next Testing: 2027-01-04 10:13:38  
Product Name: **Lanthanum nitrate hexahydrate**  
CAS Number: 10277-43-7  
Specifications & Purity: 99.9% metals basis  
Lot #: L2212048  
SKU #: **L106050**  
Analysis: **174783**

Parameter	Limit Values	Result
Water by Karl Fischer	23-27 (%)	23.02 %
Purity(Based On Trace Rare Earth Analysis)	99.9-100 (%)	100.00 %
La(Complexometric EDTA)	30.8-31.8 (%)	31.30 %
Trace Rare Earth Analysis(by ICP Atomic emission)	0-2000 (ppm)	45.00 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