

Certificate of Analysis

Date of Testing: 2024-07-09 13:43:00
Date of Next Testing: 2028-07-08 13:43:00
Product Name: **Lanthanum nitrate hexahydrate**
CAS Number: 10277-43-7
Specifications & Purity: 99.9% metals basis
Lot #: F2421555
SKU #: **L106050**
Version: **1**
Analysis #: **384860**

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