

Certificate of Analysis

Date of Testing: 2022-10-12 16:35:59
Date of Next Testing: 2026-10-11 16:35:59
Product Name: **Lanthanum nitrate hexahydrate**
CAS Number: 10277-43-7
Specifications & Purity: 99.99% metals basis
Lot #: J2209454
SKU #: **L106048**
Analysis: **137447**

| Parameter | Limit Values | Result |
|--|--------------------------------------|--------------------------------------|
| Purity(Based On Trace Rare Earth Analysis) | 99.99-100 (%) | 100.00 % |
| La(Complexometric EDTA) | 30.8-31.8 (%) | 30.81 % |
| Trace Rare Earth Analysis | 0-200 (ppm) | 46.00 ppm |
| Water by Karl Fischer | 23-27 (%) | 25.34 % |
| 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