

Certificate of Analysis

Date of Testing: 2023-09-20 14:43:52
Date of Next Testing: 2027-09-19 14:43:52
Product Name: **Lanthanum oxide**
CAS Number: 1312-81-8
Specifications & Purity: 99.9% metals basis
Lot #: I2311740
SKU #: **L103877**
Analysis: **266270**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|--|-----------------------|-----------------------|
| Trace Rare Earth Analysis | 0-2000 (ppm) | 314.00 ppm |
| Purity(Based On Trace Rare Earth Analysis of ICP) | 99.9-100 (%) | 99.97% |
| La(Complexometric EDTA) | 84-86.5 (%) | 84.06% |
| Appearance (L103877) | white powder | White powder |
| Solubility in 1 M HCl , Colorless, Clear to Slightly Hazy,50 mg/ml | pass | Pass |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager