

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-06-20 16:08:36  
Date of Next Testing: 2026-06-19 16:08:36  
Product Name: **Lanthanum chloride**  
CAS Number: 10099-58-8  
Specifications & Purity: 99.9% metals basis,powder,anhydrous  
Lot #: F2214267  
SKU #: **L113545**  
**Analysis:** **103612**  
Storage Temperature: Room temperature,Argon charged,Desiccated

| Parameter                                  | Limit Values           | Result                 |
|--|------------------------|------------------------|
| Purity(Based On Trace Rare Earth Analysis) | 99.9-100 (%)           | 99.99 %                |
| Trace Rare Earth Analysis                  | 0-2000 (ppm)           | 67.00 ppm              |
| Water by Karl Fischer                      | 0-2 (%)                | 1.06 %                 |
| Appearance (L113545)                       | White powder           | White powder           |
| ICP Assay                                  | Confirmed to structure | Confirmed to structure |
| X-Ray Diffraction                          | Conforms to Structure  | Conforms to Structure  |



John Su  
QA & QC Manager