

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-02-28 22:07:51

Date of Next Testing: 2026-02-27 22:07:51

Product Name: **Lanthanum oxide**

CAS Number: 1312-81-8

Specifications &amp; Purity: 99.999% metals basis

Lot #: B2225395

SKU #: **L103873****Analysis: 059095**

Storage Temperature: Argon charged

| Parameter                                  | Limit Values          | Result                |
|--|-----------------------|-----------------------|
| La(Complexometric EDTA)                    | 84-86.5 (%)           | 84.11 %               |
| Trace Rare Earth Analysis                  | 0-20 (ppm)            | 1.00 ppm              |
| Purity(Based On Trace Rare Earth Analysis) | 99.999-100 (%)        | 100.00 %              |
| Appearance (L103873)                       | white powder          | White powder          |
| ICP: Confirms Lanthanum Component          | Confirmed             | Confirmed             |
| X-Ray Diffraction                          | Conforms to Structure | Conforms to Structure |

John Su  
QA & QC Manager