

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-01 11:16:38  
Date of Next Testing: 2026-02-28 11:16:38  
Product Name: **Lanthanum chloride heptahydrate**  
CAS Number: 10025-84-0  
Specifications & Purity: 99.99% metals basis  
Lot #: B2226269  
SKU #: **L140888**  
**Analysis: 064046**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	99.99%
Complexometric EDTA (% La)	36.5-38.3 (%)	36.89%
Insoluble matter in H <sub>2</sub> O	0-0.01 (%)	0.00%
Trace Rare Earth Analysis	0-200 (ppm)	78.00 ppm
Appearance (L140888)	white to pale yellow Powder, Crystals and/or Chunk	white to pale yellow Powder, Crystals and/or Chunk
ICP: Confirms Lanthanum Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager