

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-08-27 16:58:41  
Date of Next Testing: 2028-08-26 16:58:41  
Product Name: **Lanthanum nitrate hexahydrate**  
CAS Number: 10277-43-7  
Specifications & Purity: Analytical Reagent,99%  
Lot #: H2420561  
SKU #: **L106046**  
Version: **2**  
Analysis #: **394640**

Parameter	Limit Values	Result
Purity(T)	99-100 (%)	99.99%
Calcium(Ca)	0-0.01 (%)	0.01%
Silicon(Si)	0-0.003 (%)	0.00%
Chloride (Cl-)	0-0.01 (%)	0.01%
Sodium(Na)	0-0.004 (%)	0.00%
Lead(Pb)	0-0.015 (%)	0.00%
Iron(Fe)	0-0.001 (%)	0.00%
Sulfate(SO42-)	0-0.01 (%)	0.01%
La(Complexometric EDTA)	30.8-31.8 (%)	31.73%
Appearance (L106046)	white crystal or crystal powder	white crystal or crystal powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager