

## Certificate of Analysis

Date of Testing: 2024-04-03 09:28:18  
Date of Next Testing: 2028-04-02 09:28:18  
Product Name: **Lanthanum nitrate hexahydrate**  
CAS Number: 10277-43-7  
Specifications & Purity: Analytical Reagent,99%  
Lot #: C2428312  
SKU #: **L106046**  
Analysis: **332072**

Parameter	Limit Values	Result
Chromium(Cr)	0-5 (ppm)	0.08 ppm
Calcium(Ca)	0-50 (ppm)	0.75 ppm
Copper(Cu)	0-5 (ppm)	0.28 ppm
Sulfate(SO42-)	0-50 (ppm)	1.07 ppm
Iron(Fe)	0-10 (ppm)	0.08 ppm
(Pb)Lead	0-10 (ppm)	0.17 ppm
Magnesium(Mg)	0-5 (ppm)	0.11 ppm
Sodium(Na)	0-10 (ppm)	0.05 ppm
Cobalt(Co)	0-5 (ppm)	0.04 ppm
Potassium(K)	0-10 (ppm)	0.42 ppm
Nickel(Ni)	0-5 (ppm)	0.23 ppm
Purity(T)	99-100 (%)	100.00 %
Zinc(Zn)	0-5 (ppm)	0.11 ppm
Cadmium(Cd)	0-5 (ppm)	0.26 ppm
Chloride (Cl-)	0-50 (ppm)	1.05 ppm
Manganese(Mn)	0-5 (ppm)	0.00 ppm
La(Complexometric EDTA)	30.8-31.8 (%)	31.73 %
Appearance (L106046)	white crystal or crystal powder	white crystal or crystal powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager