

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-04-28 10:46:38
Date of Next Testing:	2027-04-27 10:46:38
Product Name:	Lanthanum nitrate hexahydrate
CAS Number:	10277-43-7
Specifications & Purity:	reagent grade,99%
Lot #:	D23211136
SKU #	L106046
Analysis:	216882

Parameter	Limit Values	Result
Chromium(Cr)	0-5 (ppm)	2.50 ppm
Calcium(Ca)	0-50 (ppm)	44.50 ppm
Copper(Cu)	0-5 (ppm)	2.10 ppm
Sulfate(SO42-)	0-50 (ppm)	35.60 ppm
Water by Karl Fischer	23-27 (%)	25.40 %
Iron(Fe)	0-10 (ppm)	3.90 ppm
(Pb)Lead	0-10 (ppm)	4.54 ppm
Magnesium(Mg)	0-5 (ppm)	1.92 ppm
Sodium(Na)	0-10 (ppm)	5.50 ppm
Cobalt(Co)	0-5 (ppm)	3.67 ppm
Potassium(K)	0-10 (ppm)	4.98 ppm
Manganese(Mn)	0-5	2.65
Nickel(Ni)	0-5 (ppm)	2.47 ppm
Purity(T)	99-100 (%)	99.99 %
Zinc(Zn)	0-5 (ppm)	2.11 ppm
Cadmium(Cd)	0-5 (ppm)	2.50 ppm
Chloride (Cl-)	0-50 (ppm)	44.50 ppm
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



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager