

Certificate of Analysis

Date of Testing: 2022-07-20 13:55:31
 Date of Next Testing: 2026-07-19 13:55:31
 Product Name: **Lanthanum nitrate hexahydrate**
 CAS Number: 10277-43-7
 Specifications & Purity: reagent grade,99%
 Lot #: G2214019
 SKU #: **L106046**
Analysis: 117883

Parameter	Limit Values	Result
Chromium(Cr)	0-5 (ppm)	3.50 ppm
Calcium(Ca)	0-50 (ppm)	40.50 ppm
Copper(Cu)	0-5 (ppm)	1.53 ppm
Sulfate(SO42-)	0-50 (ppm)	32.50 ppm
Water by Karl Fischer	23-27 (%)	23.37 %
Iron(Fe)	0-10 (ppm)	3.30 ppm
(Pb)Lead	0-10 (ppm)	2.54 ppm
Magnesium(Mg)	0-5 (ppm)	2.85 ppm
Sodium(Na)	0-10 (ppm)	5.50 ppm
Cobalt(Co)	0-5 (ppm)	3.54 ppm
Potassium(K)	0-10 (ppm)	6.35 ppm
Manganese(Mn)	0-5	4.70
Nickel(Ni)	0-5 (ppm)	2.10 ppm
Purity(T)	99-100 (%)	99.99 %
Zinc(Zn)	0-5 (ppm)	2.15 ppm
Cadmium(Cd)	0-5 (ppm)	2.50 ppm
Chloride (Cl-)	0-50 (ppm)	35.60 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

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

John Su
QA & QC Manager