

Certificate of Analysis

Date of Testing: 2024-01-02 10:58:55
 Date of Next Testing: 2028-01-01 10:58:55
 Product Name: **Lanthanum nitrate hexahydrate**
 CAS Number: 10277-43-7
 Specifications & Purity: reagent grade, 99%
 Lot #: L2327208
 SKU #: **L106046**
 Analysis: **309992**

Parameter	Limit Values	Result
Chromium(Cr)	0-5 (ppm)	0.40 ppm
Calcium(Ca)	0-50 (ppm)	12.00 ppm
Copper(Cu)	0-5 (ppm)	0.30 ppm
Sulfate(SO42-)	0-50 (ppm)	22.00 ppm
Iron(Fe)	0-10 (ppm)	5.00 ppm
(Pb)Lead	0-10 (ppm)	0.40 ppm
Magnesium(Mg)	0-5 (ppm)	0.20 ppm
Sodium(Na)	0-10 (ppm)	0.60 ppm
Cobalt(Co)	0-5 (ppm)	0.20 ppm
Potassium(K)	0-10 (ppm)	0.80 ppm
Nickel(Ni)	0-5 (ppm)	0.20 ppm
Purity(T)	99-100 (%)	100.00 %
Zinc(Zn)	0-5 (ppm)	0.20 ppm
Cadmium(Cd)	0-5 (ppm)	0.30 ppm
Chloride (Cl-)	0-50 (ppm)	16.00 ppm
La(Complexometric EDTA)	30.8-31.8 (%)	31.76 %
Manganese(Mn)	0-5 (ppm)	0.50 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

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

John Su
QA & QC Manager