

Certificate of Analysis

Date of Testing: 2023-11-15 15:56:37
Date of Next Testing: 2027-11-14 15:56:37
Product Name: **Lanthanum nitrate hexahydrate**
CAS Number: 10277-43-7
Specifications & Purity: reagent grade,99%
Lot #: K2308342
SKU #: **L106046**
Analysis: **296259**

Parameter	Limit Values	Result
Chromium(Cr)	0-5 (ppm)	3.50 ppm
Calcium(Ca)	0-50 (ppm)	20.50 ppm
Copper(Cu)	0-5 (ppm)	0.00 ppm
Sulfate(SO42-)	0-50 (ppm)	10.80 ppm
Iron(Fe)	0-10 (ppm)	6.50 ppm
(Pb)Lead	0-10 (ppm)	8.80 ppm
Magnesium(Mg)	0-5 (ppm)	0.00 ppm
Sodium(Na)	0-10 (ppm)	0.00 ppm
Cobalt(Co)	0-5 (ppm)	0.00 ppm
Potassium(K)	0-10 (ppm)	0.00 ppm
Nickel(Ni)	0-5 (ppm)	0.00 ppm
Purity(T)	99-100 (%)	100.00 %
Zinc(Zn)	0-5 (ppm)	0.00 ppm
Cadmium(Cd)	0-5 (ppm)	0.00 ppm
Chloride (Cl-)	0-50 (ppm)	0.00 ppm
La(Complexometric EDTA)	30.8-31.8 (%)	31.78 %
Manganese(Mn)	0-5 (ppm)	0.00 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