

Certificate of Analysis

Date of Testing: 2023-06-19 11:02:35
 Date of Next Testing: 2027-06-18 11:02:35
 Product Name: **Lithium perchlorate**
 CAS Number: 7791-03-9
 Specifications & Purity: anhydrous, 98%
 Lot #: F2306827
 SKU #: **L118641**
Analysis: **243376**
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Calcium(Ca)	0-100 (ppm)	56.00 ppm
Zinc(Zn)	0-50 (ppm)	45.00 ppm
Copper(Cu)	0-50 (ppm)	40.00 ppm
Sulfate(SO42-)	0-200 (ppm)	146.00 ppm
Chloride (Cl-)	0-50 (ppm)	48.00 ppm
Purity (dry basis)	98-100 (%)	99.99 %
(Pb)Lead	0-50 (ppm)	32.00 ppm
Water by Karl Fischer	0-3 (%)	0.10 %
Potassium(K)	0-500 (ppm)	400.00 ppm
Cadmium(Cd)	0-50 (ppm)	22.00 ppm
Sodium(Na)	0-100 (ppm)	52.00 ppm
Nickel(Ni)	0-50 (ppm)	45.00 ppm
Iron(Fe)	0-50 (ppm)	12.00 ppm
Cobalt(Co)	0-50 (ppm)	45.00 ppm
Appearance (L118641)	white powder	White 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".

John Su
QA & QC Manager