

Certificate of Analysis

Date of Testing: 2022-11-25 08:57:59
 Date of Next Testing: 2026-11-24 08:57:59
 Product Name: **Lithium perchlorate**
 CAS Number: 7791-03-9
 Specifications & Purity: anhydrous, 98%
 Lot #: K2221147
 SKU #: **L118641**
Analysis: 159543
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Calcium(Ca)	0-100 (ppm)	60.00 ppm
Zinc(Zn)	0-50 (ppm)	18.30 ppm
Copper(Cu)	0-50 (ppm)	30.00 ppm
Sulfate(SO42-)	0-200 (ppm)	17.00 ppm
Chloride (Cl-)	0-50 (ppm)	8.00 ppm
Purity (dry basis)	98-100 (%)	100.00 %
(Pb)Lead	0-50 (ppm)	6.00 ppm
Water by Karl Fischer	0-3 (%)	0.01 %
Potassium(K)	0-500 (ppm)	30.00 ppm
Cadmium(Cd)	0-50 (ppm)	19.00 ppm
Sodium(Na)	0-100 (ppm)	8.00 ppm
Nickel(Ni)	0-50 (ppm)	15.03 ppm
Iron(Fe)	0-50 (ppm)	23.60 ppm
Cobalt(Co)	0-50 (ppm)	40.00 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". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager