

Certificate of Analysis

Date of Testing: 2024-05-10 15:54:58
Date of Next Testing: 2028-05-09 15:54:58
Product Name: **Lithium perchlorate**
CAS Number: 7791-03-9
Specifications & Purity: anhydrous, 98%
Lot #: D2423398
SKU #: **L118641**
Version: **0**
Analysis #: **356921**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Calcium(Ca)	0-100 (ppm)	2.00 ppm
Zinc(Zn)	0-50 (ppm)	2.00 ppm
Copper(Cu)	0-50 (ppm)	2.00 ppm
Sulfate(SO42-)	0-200 (ppm)	2.00 ppm
Chloride (Cl-)	0-50 (ppm)	10.30 ppm
Purity (dry basis)	98-100 (%)	99.99%
(Pb)Lead	0-50 (ppm)	0.25 ppm
Water by Karl Fischer	0-3 (%)	0.39%
Potassium(K)	0-500 (ppm)	2.00 ppm
Cadmium(Cd)	0-50 (ppm)	2.00 ppm
Sodium(Na)	0-100 (ppm)	2.00 ppm
Nickel(Ni)	0-50 (ppm)	2.00 ppm
Iron(Fe)	0-50 (ppm)	0.26 ppm
Cobalt(Co)	0-50 (ppm)	2.00 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

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager