

Certificate of Analysis

Date of Testing: 2024-07-31 16:54:33
Date of Next Testing: 2028-07-30 16:54:33
Product Name: **Lithium perchlorate**
CAS Number: 7791-03-9
Specifications & Purity: anhydrous,99.99% metals basis
Lot #: G2429118
SKU #: **L110164**
Version: **0**
Analysis #: **387314**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Total Metallic Impuritie	0-200 (ppm)	95.00 ppm
Sulfate(SO42-)	0-0.001 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	1.30 ppm
PH(25°C; 5%; Water)	6-7.5	6.30
Chloride (Cl-)	0-0.003 (%)	0.00 %
Iron(Fe)	0-5 (ppm)	1.20 ppm
Titration by AgNO3	96.5-103.5 (%)	96.90 %
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99 %
Water by Karl Fischer	0-1 (%)	0.27 %
Appearance (L110164)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
ICP: Confirms Lithium Component	Confirmed	Confirmed
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