

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-31 16:54:15
Date of Next Testing: 2028-07-30 16:54:15
Product Name: **Lithium perchlorate**
CAS Number: 7791-03-9
Specifications & Purity: anhydrous,99.99% metals basis
Lot #: G2429120
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 |



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager