

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-10 15:45:40
Date of Next Testing: 2028-05-09 15:45:40
Product Name: **Lithium perchlorate**
CAS Number: 7791-03-9
Specifications & Purity: anhydrous,99.99% metals basis
Lot #: D2423397
SKU #: **L110164**
Analysis: **343581**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Sulfate(SO42-)	0-0.001 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	0.25 ppm
PH(25°C; 5%; Water)	6-7.5	7.06
Chloride (Cl-)	0-0.003 (%)	0.00 %
Iron(Fe)	0-5 (ppm)	0.26 ppm
Titration by AgNO3	96.5-103.5 (%)	101.19 %
Water by Karl Fischer	0-1 (%)	0.39 %
Total Metallic Impuritie	0-200 (ppm)	88.00 ppm
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99 %
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



John Su
QA & QC Manager