

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-31 16:52:42  
Date of Next Testing: 2028-07-30 16:52:42  
Product Name: **Lithium perchlorate**  
CAS Number: 7791-03-9  
Specifications & Purity: anhydrous,99.9% metals basis  
Lot #: G2429115  
SKU #: **L110163**  
Version: **1**  
Analysis #: **394369**  
Storage Temperature: Argon charged,Desiccated

Parameter	Limit Values	Result
Total Metallic Impuritie	0-1000 (ppm)	95.00 ppm
Purity(Based on Trace Metals Impurities of ICP)	99.9-100 (%)	99.99 %
Water by Karl Fischer	0-1 (%)	0.27 %
Heavy metal (as Pb)	0-5 (ppm)	1.30 ppm
Titration by AgNO3	96.5-103.5 (%)	96.90 %
Appearance (L110163)	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