

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-28 15:02:17

Date of Next Testing: 2029-03-27 15:02:17

Product Name: **Lithium perchlorate**

CAS Number: 7791-03-9

Specifications & Purity: anhydrous, ≥99.9% metals basis

Lot #: C2525723

SKU #: **L110163**

Version: **1**

Analysis #: **488807**

Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Total Metallic Impurities	0-1000 (ppm)	91.10 ppm
Purity (Based on Trace Metals Impurities of ICP)	99.9-100 (%)	99.99 %
Water by Karl Fischer	0-1 (%)	0.01 %
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Titration by AgNO ₃	96.5-103.5 (%)	98.07 %
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