

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-08 10:40:52
Date of Next Testing: 2027-11-07 10:40:52
Product Name: **Lithium perchlorate trihydrate**
CAS Number: 13453-78-6
Specifications & Purity: reagent grade,99.0%
Lot #: K2301520
SKU #: **L110838**
Analysis: **294057**

Parameter	Limit Values	Result
Assay	99-100 (%)	99.97%
Insoluble matter in H2O	0-0.005 (%)	0.00%
Sulfate(SO42-)	0-0.005 (%)	0.00%
Total Nitrogen	0-0.002 (%)	0.00%
Chloride and Bromide(As Cl-)	0-0.01 (%)	0.00%
Iron(Fe)	0-0.005 (%)	0.00%
Chloride (Cl-)	0-0.003 (%)	0.00%
Cl(Titration by AgNO3)	21-22 (%)	21.80%
Heavy metal (as Pb)	0-0.001 (%)	0.00%
Appearance (L110838)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
ICP Major Analysis Confirmed	Confirmed to structure	Confirmed to structure
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager