

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-28 16:58:50
Date of Next Testing: 2028-05-27 16:58:50
Product Name: **Lithium perchlorate trihydrate**
CAS Number: 13453-78-6
Specifications & Purity: reagent grade,99.0%
Lot #: E2417231
SKU #: **L110838**
Version: **0**
Analysis #: **362613**

Parameter	Limit Values	Result
Assay	99-100 (%)	100.00 %
Insoluble matter in H ₂ O	0-0.005 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	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 AgNO ₃)	21-22 (%)	21.20 %
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