

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-26 13:49:42
Date of Next Testing: 2028-08-25 13:49:42
Product Name: **Lithium chloride**
CAS Number: 7447-41-8
Specifications & Purity: ACS reagent, $\geq 99\%$
Lot #: H2420343
SKU #: **L116328**
Version: **1**
Analysis #: **380746**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|---|--------------------------|--------------------------|
| Water by Karl Fischer | 0-2 (%) | 0.43 % |
| Insoluble matter(c = 6.67%; H ₂ O) | 0-0.01 (%) | 0.00 % |
| Calcium(Ca) | 0-0.01 (%) | 0.00 % |
| Heavy metal (as Pb) | 0-0.002 (%) | 0.00 % |
| Sulfate(SO ₄ ²⁻) | 0-0.01 (%) | 0.00 % |
| Potassium(K) | 0-0.01 (%) | 0.00 % |
| Iron(Fe) | 0-0.001 (%) | 0.00 % |
| Sodium(Na) | 0-0.2 (%) | 0.02 % |
| Barium(Ba) | 0-0.003 (%) | 0.00 % |
| Titration Base | 0-0.008 (mmol/g) | 0.00 mmol/g |
| Purity(Titration by AgNO ₃) | 98.5-101.5 (%) | 98.85 % |
| Appearance (L116328) | White Powder or Crystals | White Powder or Crystals |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager