

Certificate of Analysis

Compound Information

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|---------------------|-----------------------------------|
| Product Name: | Lithium chloride monohydrate, 99% |
| Cat. No.: | 1237281 |
| CAS No.: | 16712-20-2 |
| Molecular Formula: | ClH ₂ LiO |
| Molecular Weight: | 60.41 |
| Chemical Structure: | |



Batch Information

| | |
|--------------|--|
| Batch No.: | Lg1016313387 |
| Storage: | Store at room temperature, keep dry and cool |
| Test Date: | 2023-10-16 |
| Retest Date: | 2026-10-15 |
| Origin: | Shanghai, China |

QC Summary

| QC Summary | Specification | Result |
|---------------------------------|----------------------------|------------------|
| Appearance: | White to off-white (Solid) | White (Crystals) |
| Assay, ω/%: | ≥99.0 | 99.50 |
| Water Insoluble Substance, ω/%: | ≤0.05 | 0.03 |
| Calcium(Ca), ω/%: | ≤0.01 | 0.0028 |
| Potassium(K), ω/%: | ≤0.01 | 0.003 |
| Magnesium(Mg), ω/%: | ≤0.01 | 0.0008 |
| Sodium(Na), ω/%: | ≤0.02 | 0.01 |
| Iron(Fe), ω/%: | ≤0.005 | 0.0007 |
| Sulfate(SO ₄), ω/%: | ≤0.02 | 0.01 |

Conclusion: The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

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