

## Certificate of Analysis

### Compound Information

Product Name:	Lithium chloride, 99.3%, premium grade
Cat. No.:	1085364
CAS No.:	7447-41-8
Molecular Formula:	CLi
Molecular Weight:	42.39
Chemical Structure:	



### Batch Information

Batch No.:	Lg0728287465
Storage:	Store at room temperature, keep dry and cool
Test Date:	2023-07-28
Retest Date:	2026-07-27
Origin:	Shanghai, China

### QC Summary

	Specification	Result
Appearance:	White to off-white (Solid)	White (Powder)
Sodium(Na), $\omega/\%$ :	$\leq 0.003$	qualified
Potassium(K), $\omega/\%$ :	$\leq 0.001$	qualified
Iron Oxide( $\text{Fe}_2\text{O}_3$ ), $\omega/\%$ :	$\leq 0.0015$	qualified
Sulfate( $\text{SO}_4$ ), $\omega/\%$ :	$\leq 0.002$	qualified
Hydrochloric Acid Insoluble Substance, $\omega/\%$ :	$\leq 0.003$	qualified
Moisture, $\omega/\%$ :	$\leq 0.40$	0.30
Magnesium Chloride( $\text{MgCl}_2$ ), $\omega/\%$ :	$\leq 0.0024$	qualified
Calcium chloride ( $\text{CaCl}_2$ ), $\omega/\%$ :	$\leq 0.01$	qualified
Assay, $\omega/\%$ :	$\geq 99.3$	Conforms
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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