

## 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.:	L356297
Storage:	Store at room temperature, keep dry and cool
Test Date:	2024-02-22
Retest Date:	2027-02-21
Origin:	Shanghai, China

### QC Summary

	Specification	Result
Appearance:	White to off-white (Solid)	White (Powder)
Assay, $\omega/\%$ :	$\geq 99.3$	99.3
Hydrochloric Acid Insoluble Substance, $\omega/\%$ :	$\leq 0.003$	0.0016
Potassium(K), $\omega/\%$ :	$\leq 0.001$	$< 0.01$
Sodium(Na), $\omega/\%$ :	$\leq 0.003$	$< 0.03$
Moisture, $\omega/\%$ :	$\leq 0.40$	0.16
Magnesium Chloride( $MgCl_2$ ), $\omega/\%$ :	$\leq 0.0024$	$< 0.01$
Iron Oxide( $Fe_2O_3$ ), $\omega/\%$ :	$\leq 0.0015$	$< 0.001$
Sulfate( $SO_4$ ), $\omega/\%$ :	$\leq 0.002$	$< 0.002$
Calcium chloride ( $CaCl_2$ ), $\omega/\%$ :	$\leq 0.01$	$< 0.01$

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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