

**CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	Lithium chloride 98% AR grade		
<b>Synonyms</b>	Lithium Chloride Anhydrous		
<b>CAS No</b>	7447-41-8		
<b>Product code</b>	SY00228	<b>Batch No</b>	LLIBF0211
<b>Molecular Formula</b>	LiCl	<b>Molecular Weight</b>	42.39
<b>Mfg. Date</b>	Feb-26	<b>Expiry Date</b>	Jan-29
<b>Storage Conditions</b>	Store at room temperature, tightly closed container		

Test	Specification	Results
<b>Appearance</b>	White hygroscopic crystalline powder	White hygroscopic crystalline powder
<b>Assay</b>	NLT 98%	98.32%
<b>Solubility (Colour) 10% aq. solution</b>	Clear & Colorless	Passes test
<b>Sulphate (SO4)</b>	<0.01%	0.01%
<b>pH (5% solution in water; 25°C)</b>	6.0-9.0	7.35
<b>Loss on drying</b>	<2%	0.17%
<b>Iron (Fe)</b>	<0.001%	Passes
<b>Heavy Metals (Pb)</b>	<0.001%	Passes

**Approved by**  
Dr. Gopinath PH. D

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