

## Technical Data Sheet

# Lithium Chloride Powder

**Product ID:** 031700PD001 - 031700PD003

**Formular:** LiCl

**Molecular weight:** 42.39 g/mol

**CAS No.:** 7447-41-8

**EINECS No.:** 231-212-3

**Color:** White crystalline

**Description:** Our lithium chloride has a purity of  $\geq 99\%$ , with higher-purity options available upon request, and features high hygroscopicity, excellent solubility, strong thermal stability, and overall high purity.

**Application:** Battery electrolytes, air dehumidifiers, metal smelting, chemical synthesis, pharmaceuticals, etc.

**Product Image:**



### 1. Physical Properties

Product ID	Formular	Appearance
031700PD001	LiCl (99%)	/
031700PD002	LiCl (99.5%)	/
031700PD003	LiCl (99.9%)	/

### 2. Chemical compositions

Element Typical Value Purity	Chemical Compositions (wt%)					
	Na	K	Fe	Mg	Ca	SO <sub>4</sub> <sup>2-</sup>
	99%	$\leq 0.25$	$\leq 0.25$	$\leq 0.015$	-	$\leq 0.072$
99.5%	$\leq 0.05$	$\leq 0.05$	$\leq 0.01$	$\leq 0.01$	$\leq 0.01$	$\leq 0.01$
99.9%	$\leq 0.01$	$\leq 0.01$	$\leq 0.005$	$\leq 0.005$	$\leq 0.005$	$\leq 0.005$

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*Note: The purity values shown are calculated by subtracting the sum of selected measured elemental impurities from 100%. These values do not represent the result of a full elemental analysis.*

### **3. Packaging**

Bottled / Bag.  
Double vacuum packed.  
Customized according to customer requirements.

### **4. Period of Validity**

It is recommended to use this product within 12 months. If it is overdue, the product quality status should be re-evaluated.

### **5. Handling and Storage**

When using, wear protective equipment (e.g., mask, goggles, and gloves) and operate in a dry environment, avoiding contact with moisture to prevent hygroscopic clumping.

Store in a sealed container in a cool, dry place, away from humidity and incompatible substances.

### **Contact Us**

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