

Product Specifications

Product Number	P62251
Product Name	Lithium chloride
CAS Number	7447-41-8
Molecular Formula	Cl.Li
Molecular Weight	42.39
Storage Temperature	Room temperature

LiCl	Tests	Results
	Appearance	White Crystalline Powder
	Purity	≥ 99.0 %
	Water	≤ 0.4 %
	Fe	≤ 0.0001%
	K	≤ 0.2%
	Na	≤ 0.15%
	Ca	≤ 0.001%
	Mg	≤ 0.0002%
	SO ₄	≤ 0.01%
	Water insolubles	≤ 0.01%
	Other information (for reference)	
	Melting Point	608 °C

	Density	2.068 g/cm ³
	Boiling point	1382 °C
	Particle size	380-550µm
	Specific heat @ 25 °C	0.288 cal/g/°C
	Standard heat of formation	-97.70 kcal/mole
	Heat of solution @18 °C	-8.49 kcal/mole
	Heat of fusion	4.7 kcal/mole