

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications

LiCl

Catalogue Number	26501
Product	Lithium chloride, anhydrous
CAS Number	7447-41-8
Molecular Formula	LiCl
Molecular Weight	42.39

Appearance	White crystalline powder
Solubility	81 g in 100 mL water at 20 °C
Heavy Metals	≤ 0.002% (as Pb)
Anion	Nitrate (NO ₃ ⁻) : ≤ 0.001% Sulfate (SO ₄ ²⁻) : ≤ 0.01%
Cation	Barium (Ba) : ≤ 0.003% Iron (Fe) : ≤ 0.001% Calcium (Ca) : ≤ 0.01% Potassium (K) : ≤ 0.01% Sodium (Na) : ≤ 0.20%
Loss on Drying	≤ 1%
Insoluble material	≤ 0.01%
Titration	Base : ≤ 0.008 meq/g
Assay by titration	≥ 99%
Grade	ACS reagent
Storage	Store at RT

For Laboratory Use Only