

Product Datasheet

GE1934 - Lithium chloride

Precautionary Codes

P305+P351+P338, P280,
P302+P352, P301+P312

Product Details

Product Name	Lithium chloride
Glentham Code	GE1934
CAS Number	7447-41-8
EINECS	231-212-3
MDL Number	MFCD00011078
PubChem SID	310275837
Related Categories	Biochemicals, Raw Materials (IVD), Reagents for Gel Electrophoresis of DNA/RNA, Inorganics, Metal Salts

Structure

Molecular Weight	: 42.39
Molecular Formula	: LiCl



Pictograms



Glentham Product Specification

Physical Description	: White crystalline powder
Solubility (20% in water)	: Clear, colourless solution
Acid Insoluble Substances	: $\leq 0.01\%$ (in 4M HCl)
Calcium (Ca)	: $\leq 0.02\%$
Iron (Fe)	: $\leq 0.001\%$
Magnesium (Mg)	: $\leq 0.001\%$
Sulphate (SO ₄)	: $\leq 0.05\%$
Potassium (K)	: $\leq 0.2\%$
Sodium (Na)	: $\leq 0.2\%$
Water	: $\leq 1.0\%$
Assay	: $\geq 99.0\%$ (as is)
Version	: v1.2

About Lithium chloride

Lithium chloride is an inorganic compound supplied as a white crystalline solid for molecular biology studies and diagnostics manufacturing. It is used in the precipitation of RNA, it can block glycogen synthase kinase (GSK) and has been used in studies on cell-fate.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as dangerous for transport.	
CLP Classification	Skin Irr. 2, Acute Tox. 4, Eye Irr. 2A
Signal Word	Warning
Hazard Codes	H315, H302, H319

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025