

Certificate of Analysis

Product Name	Lithium chloride
Glentham Code	GE1934
CAS Number	7447-41-8
EINECS	231-212-3
MDL-Nummer	MFCD00011078
PubChem SID	310275837
Batch Number	947YOV

Molecular Weight	42.39
Molecular Formula	LiCl
Storage Temp.	+20°C

Li⁺ Cl⁻
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Property	Specification	Batch 947YOV
Physical Description	White crystalline powder	White crystalline powder
Solubility (20% in water)	Clear, colourless solution	Clear, colourless solution
Acid Insoluble Substances	≤ 0.01% (in 4M HCl)	≤ 0.01%
Calcium (Ca)	≤ 0.02%	0.004%
Iron (Fe)	≤ 0.001%	≤ 0.0001%
Magnesium (Mg)	≤ 0.001%	0.0001%
Sulphate (SO ₄)	≤ 0.05%	0.002%
Potassium (K)	≤ 0.2%	≤ 0.01%
Sodium (Na)	≤ 0.2%	0.03%
Water	≤ 1.0%	0.4%
Assay	≥ 99.0% (as is)	99.9%

Specification Version	v1.2
Manufacture Date	2023-09-04
Re-Test Date	2031-12-13

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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