

## Certificate of Analysis

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

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

Li<sup>+</sup> Glentham Cl<sup>-</sup>  
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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 <sub>4</sub> )	≤ 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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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