

CERTIFICATE OF ANALYSIS

PRODUCT NAME : LITHIUM CHLORIDE AR (ANHYDROUS)

CAS No : 7447-41-8

Product code : 23820

Mol. Formula : LiCl

Batch No. : MCM 5732

Mol. WT : 42.39

Mfd. : Aug. 2023

Date of analysis : 21/08/23

Exp. : July 2028

S.R	Test	Specification	Observation
1	Description	White to almost white powder, crystals or granules or crystalline powder	White powder.
2	Assay(After drying)	99.0% min	99.74%
3	pH (5% Solution)	5.0 -7.0	6.95
4	Insoluble matter	0.005% max	0.002%
5	Loss on drying at 120⁰C	2.0% max	0.41%
6	Nitrogen compounds (N)	0.001% max	<0.001%
7	Sulphate (SO₄)	0.005% max	<0.005%
8	Calcium (Ca)	0.005 % max	<0.005 %
9	Copper (Cu)	0.0005 % max	<0.0005 %
10	Iron (Fe)	0.0005 % max	<0.0005 %
11	Lead (Pb)	0.0005%max	<0.0005%
12	Magnesium (Mg)	0.005% max	<0.005%
13	Potassium (K)	0.02% max	<0.02%
14	Sodium (Na)	0.02% max	<0.02%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Sonu)**

**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

Note: Computer generated image requires no sign.

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