

CERTIFICATE OF ANALYSIS

PRODUCT NAME : LITHIUM CHLORIDE (ANHYDROUS) AR

CAS No : 7447-41-8

Mol. Formula : LiCl

Mol. WT : 42.39

Date of analysis : 15/10/24

Product code : 23820

Batch No. : MCAR-00715

Mfd. : Oct. 2024

Exp. : Sept. 2029

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	99.34%
3	pH (5% Solution)	5.0 - 7.0	6.56
4	Insoluble matter	0.005% max	0.003%
5	Loss on drying at 120°C	2.0% max	0.3%
6	Nitrogen compounds (N)	0.001% max	<0.001%
7	Sulphate (SO ₄)	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]



**CHEMIST
(Shruti)**

[QC Incharge]



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

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