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# Certificate of Analysis

**Product** **76359 - Lithium Chloride Anhydrous ACS, 99% - [7447-41-8]**  
**Batch No** **9186913**  
**Analysis Date** 29-Apr-2024  
**Date of Manufacture** April 2024  
**Expiry Date/Re-Test Date** April 2029  
**Molecular Formula** LiCl  
**Molecular Weight** 42.39

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline hygroscopic powder /Solid	Crystalline hygroscopic powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (ex Cl)	min. 99% (On dried basis)	99%
Insoluble matter	max. 0.01%	0.005%
Loss on drying	max.1.0%	0.4%
Sulphate (SO4)	max. 0.01%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.002%	Passes
Calcium (Ca)	max. 0.01%	Passes
Barium (Ba)	max. 0.003%	Passes
Potassium (K)	max. 0.01%	Passes
Sodium (Na)	max. 0.2%	Passes
Nitrate (NO3)	max. 0.001%	Passes
Titration base	max. 0.008 meq/g	0.006meq/g

FRM/82/11/4/76359 Rev No. 5 Date 17/02/2024

Prepared by Amruta

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

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