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Certificate of Analysis

Product

**89966 - Lithium Hydroxide Monohydrate ACS, ExiPlus,
Multi-Compendial, 99% - [1310-66-3]**

Batch No

6628849

Analysis Date

14-Jan-2024

Date of Manufacture

January 2024

Expiry Date/Re-Test Date

January 2029

Molecular Formula

LiOH.H₂O

Molecular Weight

41.96

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP,	Passes
Appearance (Colour)	White	White
Appearance (Form)	Crystalline compound /solid	Crystalline compound
Solubility (Turbidity) 10% solution 5N HCl	Clear	Clear
Solubility (Colour) 10% solution 5N HCl	Colourless	Colourless
Assay (HCl titration)	min. 99.0%	99.8%
Carbonate (Li ₂ CO ₃)	max. 0.7%	0.5%
Insoluble matter	max. 0.01%	0.002%
Chloride (Cl)	max. 0.01%	Passes
Sulphate (SO ₄)	max. 0.05%	Passes
Iron (Fe)	max. 0.002%	Passes
Heavy Metals (Pb)	max. 0.002%	Passes
Calcium (Ca)	max. 0.2%	Passes

FRM/82/11/4/89966 Rev No. 3 Date 19/02/2024

Prepared by **ThakurRohit**

In compliance with the standard specifications of SRL

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

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