



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

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Certificate of Analysis

Product

**52019 - Lithium Hydroxide Monohydrate pure, 99% -
[1310-66-3]**

Batch No

2306160

Analysis Date

25-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

Appearance (Colour)

White

White

Appearance (Form)

Crystalline compound

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 (Li₂CO₃)

max. 1%

0.5%

Chloride (Cl)

max. 0.02%

Passes

Sulphate (SO₄)

max. 0.05%

Passes

Iron (Fe)

max. 0.005%

Passes

Heavy Metals (Pb)

max. 0.005%

Passes

FRM/82/11/4/52019 Rev No. 2 Date 04/03/2023

Prepared by **ThakurRohit**

In compliance with the standard specifications of SRL

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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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