



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : LITHIUM HYDROXIDE (MONOHYDRATE) AR**

**CAS No : 1310-66-3**  
**Mol. Formula : LiOH.H<sub>2</sub>O**  
**Mol. WT : 41.95**  
**Date of analysis : 20/02/23**

**Product code : 23840**  
**Batch No. : MCRT-23943-01**  
**Mfd. : Feb. 2023**  
**Exp. : Jan. 2028**

S. R	Test	Specification	Observation
1	<b>Description</b>	White powder or crystalline powder.	White crystalline powder.
2	<b>Assay</b>	99.5 % min	99.94%
3	<b>Acid-insoluble matter</b>	0.005% max	0.003%
4	<b>Carbonate( Li<sub>2</sub>CO<sub>3</sub>)</b>	0.5 % max	0.09%
5	<b>Chloride (Cl)</b>	0.002% max	<0.002%
6	<b>Sulphate (SO<sub>4</sub>)</b>	0.02% max	<0.02%
7	<b>Calcium(Ca)</b>	0.02% max	<0.02%
8	<b>Copper (Cu)</b>	0.0001% max	<0.0001%
9	<b>Iron (Fe)</b>	0.0002% max	<0.0002%
10	<b>Lead (Pb)</b>	0.0001% max	<0.0001%
11	<b>Magnesium (Mg)</b>	0.0005% max	<0.0005%
12	<b>Potassium (K)</b>	0.002% max	<0.002%
13	<b>Sodium(Na)</b>	0.01 % max	<0.01 %

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**CHEMIST**  
**(Jyoti)**

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

**Note:** Computer generated image requires no sign.

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