

CERTIFICATE OF ANALYSIS

PRODUCT NAME : LITHIUM HYDROXIDE (MONOHYDRATE) AR

CAS No : 1310-66-3
Mol. Formula : LiOH.H₂O
Mol. WT : 41.95
Date of analysis : 13/04/24

Product code : 23840
Batch No. : MCAR-00026
Mfd. : April 2024
Exp. : March 2029

S.R	Test	Specification	Observation
1	Description	White powder or crystalline powder.	White crystalline powder.
2	Assay	99.5 % min	99.62%
3	Acid-insoluble matter	0.005% max	0.003%
4	Carbonate(Li ₂ CO ₃)	0.5 % max	0.14%
5	Chloride (Cl)	0.002% max	<0.002%
6	Sulphate (SO ₄)	0.02% max	<0.02%
7	Calcium(Ca)	0.02% max	<0.02%
8	Copper (Cu)	0.0001% max	<0.0001%
9	Iron (Fe)	0.0002% max	<0.0002%
10	Lead (Pb)	0.0001% max	<0.0001%
11	Magnesium (Mg)	0.0005% max	<0.0005%
12	Potassium (K)	0.002% max	<0.002%
13	Sodium(Na)	0.01 % max	<0.01 %

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

CHEMIST
(Swati)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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