



## **CERTIFICATE OF ANALYSIS**

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

**CAS No** : 1310-66-3  
**Mol. Formula** :  $\text{LiOH} \cdot \text{H}_2\text{O}$   
**Mol. WT** : 41.95  
**Date of analysis** : 08/08/21

**Product code** : 15440  
**Batch No** : MCR-23943  
**Mfd.** : Aug. 2021  
**Exp.** : July 2026

| S. R | Test                                  | Specification                       | Observation               |
|------|---------------------------------------|-------------------------------------|---------------------------|
| 1    | Description                           | White powder or crystalline powder. | White crystalline powder. |
| 2    | Assay                                 | 99 % min                            | 99.95%                    |
| 3    | Carbonate( $\text{Li}_2\text{CO}_3$ ) | 1.0 % max                           | 0.08%                     |
| 4    | Chloride (Cl)                         | 0.01% max                           | < 0.01%                   |
| 5    | Sulphate ( $\text{SO}_4$ )            | 0.05% max                           | < 0.05 %                  |
| 6    | Calcium(Ca)                           | 0.02% max                           | <0.02%                    |
| 7    | Sodium(Na)                            | 0.02 % max                          | < 0.02 %                  |

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

**[Tested By]**

**[QC Incharge]**

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

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

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