



## **CERTIFICATE OF ANALYSIS**

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

|                         |                                                                       |                     |                    |
|-------------------------|-----------------------------------------------------------------------|---------------------|--------------------|
| <b>CAS No</b>           | <b>: 10102-25-7</b>                                                   | <b>Product code</b> | <b>: 15455</b>     |
| <b>Mol. Formula</b>     | <b>: <math>\text{Li}_2\text{SO}_4 \cdot \text{H}_2\text{O}</math></b> | <b>Batch No</b>     | <b>: MCR-21523</b> |
| <b>Mol. WT</b>          | <b>: 127.95</b>                                                       | <b>Mfd.</b>         | <b>: July 2020</b> |
| <b>Date of analysis</b> | <b>: 01/07/20</b>                                                     | <b>Exp.</b>         | <b>: June 2025</b> |

| S. R | Test                 | Specification            | Observation              |
|------|----------------------|--------------------------|--------------------------|
| 1    | Description          | White crystalline powder | White crystalline powder |
| 2    | Assay                | 98% min                  | 99.10%                   |
| 3    | Chloride(Cl)         | 0.002 % max              | < 0.002 %                |
| 4    | Total nitrogen (N)   | 0.003 % max              | < 0.03 %                 |
| 5    | Iron (Fe)            | 0.002 % max              | < 0.002 %                |
| 6    | Heavy metals (as Pb) | 0.001 % max              | < 0.001%                 |
| 7    | Calcium (Ca)         | 0.005 % max              | < 0.005%                 |
| 8    | Potassium (K)        | 0.05 % max               | < 0.05%                  |
| 9    | Sodium (Na)          | 0.01 % max               | < 0.01 %                 |

**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.

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)**  
**Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)**  
**Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,**  
**Kulgaon, Badlapur (E), Dist.-Thane-421 503**