



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : FERROUS SULPHATE LR (HEPTAHYDRATE)**

|                         |   |                     |                    |
|-------------------------|---|---------------------|--------------------|
| <b>CAS No</b>           | <b>: 7782- 63- 0</b>                      | <b>Product code</b> | <b>: 14520</b>     |
| <b>Mol. Formula</b>     | <b>: FeSO<sub>4</sub>.7H<sub>2</sub>O</b> | <b>Batch No</b>     | <b>: MCR-22660</b> |
| <b>Mol. WT</b>          | <b>: 278.01</b>                           | <b>Mfd.</b>         | <b>: Jan. 2021</b> |
| <b>Date of analysis</b> | <b>: 09/01/21</b>                         | <b>Exp.</b>         | <b>: Dec. 2025</b> |

| <b>S. R</b> | <b>Test</b>                     | <b>Specification</b>                        | <b>Observation</b>    |
|-------------|---------------------------------|---|-----------------------|
| 1           | <b>Description</b>              | Bluish-green crystals or crystalline powder | Bluish-green crystals |
| 2           | <b>Assay</b>                    | 98.5 - 104.5% w/w                           | 99.90% w/w            |
| 3           | <b>pH (5% aq. solution)</b>     | 3 - 4                                       | 3.74                  |
| 4           | <b>Chloride (Cl)</b>            | 0.01% max                                   | <0.01%                |
| 5           | <b>Lead (Pb)</b>                | 0.005% max                                  | <0.005%               |
| 6           | <b>Iron (III) Salts (as Fe)</b> | 0.2% max                                    | <0.2%                 |

**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**