



**CERTIFICATE OF ANALYSIS**

ISO 9001-2015 CERTIFIED

**Product Name** : FERRIC SULPHATE HYDRATE AR  
**Lot No.** : A39385Z2204 **Analyzed On** : 11-Apr-2022  
**Mol. Formula** :  $\text{Fe}_2(\text{SO}_4)_3 \cdot x\text{H}_2\text{O}$  **Mol. Weight** : 399.88 (anhydrous basis)  
**Code No.** : 03840 **CAS No.** : 15244-10-7  
**Mfg. Date** : Apr-2022 **Exp. Date** : Mar-2027  
**HAZ. / P.G.** : - **UN No.** : -

| Sr. | Tests                                                | Specifications                    | Results          |
|-----|------------------------------------------------------|-----------------------------------|------------------|
| 1   | Appearance                                           | Grayish-white to yellowish powder | Yellowish powder |
| 2   | Assay (as Fe)                                        | Min 20%                           | 20.60%           |
| 3   | Chloride (Cl)                                        | Max 0.01%                         | 0.0094%          |
| 4   | Copper (Cu)                                          | Max 0.005%                        | 0.00030%         |
| 5   | Ferrous ion ( $\text{Fe}^{2+}$ )                     | Max 0.02%                         | 0.02%            |
| 6   | Insoluble matter                                     | Max 0.02%                         | <0.02%           |
| 7   | Nitrate ( $\text{NO}_3$ )                            | Max 0.02%                         | 0.02%            |
| 8   | Substance not precipitated by $\text{NH}_4\text{OH}$ | Max 0.1%                          | <0.01            |
| 9   | Zinc (Zn)                                            | Max 0.02%                         | 0.011%           |

**CONCLUSION** -This above product complies as per the specifications of **LOBA CHEMIE PVT. LTD.**

Narayan  
Chemist

Jagruti B. Patil  
QC Manager

**LOBA CHEMIE PVT. LTD.**

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LOBA/QC/FM/01

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