# CERTIFICATE OF ANALYSIS

**Date: 16/01/14**

**PRODUCT NAME : AMMONIUM FERROUS SULPHATE GR (HEXAHYDRATE)**

**CAS No : 7783-85-9** **Product code : 21580**
**Mol. Formula : $(NH_4)_2SO_4FeSO_4.6H_2O$** **Batch No : MCR-7645**
**Mol. WT : 392.13** **Mfd. : Jan. 2014**

| S. R | Test | Specification | Observation |
|---|---|---|---|
| 1 | **Assay** | 99.0-100.5% | 99.96% |
| 2 | **pH (5% aq. solution)** | Not less than 3.5 | 3.64 |
| 3 | **Insoluble matter** | 0.003% max | 0.002% |
| 4 | **Chloride (Cl)** | 0.001% max | < 0.001% |
| 5 | **Copper (Cu)** | 0.002% max | < 0.002% |
| 6 | **Ferric iron (Fe)** | 0.02% max | < 0.02% |
| 7 | **Lead (Pb)** | 0.002% max | < 0.002% |
| 8 | **Manganese (Mn)** | 0.05% max | < 0.05% |
| 9 | **Potassium (K)** | 0.02% max | < 0.02% |
| 10 | **Sodium (Na)** | 0.02% max | < 0.02% |
| 11 | **Zinc (Zn)** | 0.006% max | < 0.006% |

**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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