



## CERTIFICATE OF ANALYSIS

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

CAS No : 7782- 63- 0                      Product code : 23300  
Mol. Formula : FeSO<sub>4</sub>.7H<sub>2</sub>O                      Batch No : MCRT-17029  
Mol. WT : 278.01                      Mfd. : Oct. 2018  
Date of analysis : 03/10/18                      Exp. : Sept. 2023

S. R	Test	Specification	Observation
1	Description	Bluish-green crystalline powder	Bluish-green crystalline powder
2	Assay	99 - 104.5%	100.51 % w/w
3	pH (5% aq. solution)	3.0 – 4.0	3.69
4	Insoluble matter	0.005% max	0.001%
5	Chloride (Cl)	0.0005% max	<0.0005%
6	Nitrogen compounds (N)	0.001% max	<0.001%
7	Phosphate (PO <sub>4</sub> )	0.001% max	<0.001%
8	Arsenic (As)	0.00004% max	<0.00004%
9	Magnesium (Mg)	0.005% max	<0.005%
10	Calcium(Ca)	0.005% max	<0.005%
11	Copper (Cu)	0.001% max	<0.001%
12	Ferric Iron (Fe)	0.05% max	<0.05%
13	Lead (Pb)	0.002% max	<0.002%
14	Manganese (Mn)	0.05% max	<0.05%
15	Zinc (Zn)	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.

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