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Annexe
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Plot no. 1116/P, Lamadapura Road,
Manjusar – 391 775,
Ta- Savli, Dist. Vadodara, Gujarat, India

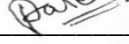
Quality Control

Standard Test Specifications

Title: Ferrous Sulphate Heptahydrate LR

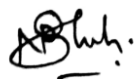
Page No.: 1 of 3

Specification No.:	Revision No.:	Effective Date	Review Date
ACPL/FP/SP/030	00	02/08/2021	01/08/2024
Change Control No.	NA		

Prepared By: 


Date: 29/07/2021

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Certified By (Sign/Date) :  02/08/2021

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Quality Control**Standard Test Specifications****Title: Ferrous Sulphate Heptahydrate LR****Page No.: 2 of 3****Specification No.:**
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1.0 SAMPLING LEVEL :

As mentioned in the “Sampling procedure” SOP.

2.0 SAMPLING METHOD TO BE FOLLOWED:

100% sampling to be done from each container.

3.0 TOTAL COMPOSITE SAMPLE TO BE COLLECTED :

100 gm

4.0 RETEST DATE : Three year**5.0 CAS No:** 7782-63-0**6.0 MOLECULAR FORMULA:** $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$ **7.0 MOLECULAR WEIGHT:** 278.0 gm/mol.**8.0 CATEGORY:** Haematinic.**9.0 STORAGE:** In an airtight container.**10.0 SAFETY PRECAUTIONS TO BE TAKEN WHILE SAMPLING AND HANDLING :**

Use hand gloves, goggles and apron during Handling.

11.0 CONTROL SAMPLE: 3 X 100 gm.**UNCONTROLLED COPY****Format No.** QC/017/F/01-00**Certified By (Sign/Date) :**

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TEST PARAMETERS AND SPECIFICATIONS**REF: LR**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	Light green, crystalline powder or bluish-green crystals, efflorescent in air.
2.	Test Solution (5 gm in 50 ml water + 1 ml sulfuric acid)	Solution is clear and Bluish-Green
3.	pH of 5% solution	3.0 to 4.0
4.	Chloride as Cl	Max. 100 ppm
5.	Copper as Cu	Max. 50 ppm
6.	Lead as Pb	Max. 50 ppm
7.	Manganese as Mn	Max. 0.1 %
8.	Sodium as Na	Max. 0.1 %
9.	Assay as FeSO ₄ .7H ₂ O	Min. 98.00 %
10.	Nickel	Max. 50 ppm
11.	Zinc	Max. 50 ppm
12.	Assay % (Dried Basis)	99.0 % to 101.0 %

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	02/08/2021	First Issuance	N A

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02/08/2021