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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: Zinc Sulphate Monohydrate AR

Page No.: 1 of 3

Specification No.: ACPL/FP/SP/016	Revision No.: 00	Effective Date 23/09/2021	Review Date 22/09/2024
Change Control No.	NA		

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Date: 20/09/2021

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Date: 21/09/2021

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Date: 22/09/2021

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Certified By (Sign/Date) : Naresh Solanki 23/09/2021

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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:** 7446-19-7**6.0 MOLECULAR FORMULA:** $\text{ZnSO}_4 \cdot \text{H}_2\text{O}$ **7.0 MOLECULAR WEIGHT:** 179.5gm/mol.**8.0 CATEGORY:** Astringent.**9.0 STORAGE:** In a non-metallic 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 100gm.**UNCONTROLLED COPY****Format No.** QC/017/F/01-00**Certified By (Sign/Date) :**  23/09/2021

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TEST PARAMETERS AND SPECIFICATIONS

REF: AR

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Appearance	White or almost white, crystalline powder, or colorless, transparent crystals.
2.	Solubility	Soluble in water.
3.	Identification Test for Zinc and Sulphate	To Pass test
4.	Appearance of Solution	5% solution clear and colorless
5.	pH of 5% solution	4.0 – 5.6
6.	Acidity	To Pass Test
7.	Chloride	Max. 30 ppm
8.	Iron	Max. 20 ppm
9.	Arsenic	Max. 10 ppm
10.	Lead	Max. 20 ppm
11.	Assay as $ZnSO_4 \cdot H_2O$	Min. 99.0 % to Max. 100.5%

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	23/09/2021	First Issuance	N A

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