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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 Heptahydrate AR

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/015

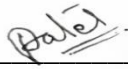
Revision No.:
00

Effective Date
21/09/2021

Review Date
20/09/2024


Change Control No.

NA

Prepared By: 

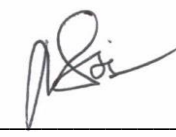
Date: 17/09/2021

Name : Pankaj Patel
(QC Officer / Designee)

Reviewed By: 

Date: 18/09/2021

Name : Nilesh Shah
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Approved By: 

Date: 20/09/2021

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Quality Control**Standard Test Specifications****Title: Zinc Sulphate Heptahydrate AR****Page No.:** 2 of 3

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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:** 7446-20-0**6.0 MOLECULAR FORMULA:**ZnSO₄.7H₂O**7.0 MOLECULAR WEIGHT:** 287.5gm/mol.**8.0 CATEGORY:** Astringent.**9.0 STORAGE:** In a non-metallic, 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 100gm.**UNCONTROLLED COPY****Format No.** QC/017/F/01-00**Certified By (Sign/Date) :**  21/09/2021

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NA

TEST PARAMETERS AND SPECIFICATIONS**REF: AR**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	White or almost white, crystalline powder or colorless, transparent crystals, efflorescent.
2.	Solubility	Soluble in water.
3.	Water Insoluble Matter	Max.0.01%
4.	pH of 5% solution	4.4 – 6.0
5.	Chloride as Cl	Max. 5 ppm
6.	Iron as Fe	Max. 5 ppm
7.	Cadmium as Cd	Max. 5 ppm
8.	Copper as cu	Max. 5 ppm
9.	Manganese as Mn	Max. 3 ppm
10.	Arsenic as As	Max. 1 ppm
11.	Magnesium as Mg	Max. 50 ppm
12.	Nitrate as NO ₃	Max. 20 ppm
13.	Lead as Pb	Max. 10 ppm
14.	Calcium as Ca	Max. 10 ppm
15.	Total Nitrogen as N	Max. 10 ppm
16.	Ammonia as NH ₄	Max. 10 ppm
17.	Sodium as Na	Max. 500 ppm
18.	Potassium as K	Max. 100 ppm
19.	Assay %	Min. 99.5%

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	21/09/2021	First Issuance	N A

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