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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 BP**

**Page No.:** 1 of 3

**Specification No.:**  
ACPL/FP/SP/015

**Revision No.:**  
00

**Effective Date**  
22/09/2021

**Review Date**  
21/09/2024


**Change Control No.**

NA

Prepared By: 

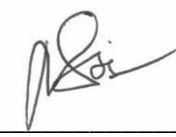
Date: 18/09/2021

Name : Pankaj Patel  
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Reviewed By: 

Date: 20/09/2021

Name : Nilesh Shah  
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Approved By: 

Date: 21/09/2021

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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 EXPIRY :**

Five years from the Date of Manufacturing.

**5.0 CAS No:** 7446-20-0

**6.0 MOLECULAR FORMULA:**  $ZnSO_4 \cdot 7H_2O$

**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.

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**TEST PARAMETERS AND SPECIFICATIONS****REF: BP**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Appearance	White or almost white, crystalline powder or colorless, transparent crystals, efflorescent.
2.	Solubility	Very soluble in water, practically insoluble in ethanol (96 per cent).
3.	<b>Identification A</b> The solution S gives the reactions of sulfates <b>Identification B</b> Solution S gives the reaction of zinc <b>Identification C</b> It complies with the limits of the assay	To pass test  To pass test  To pass test
4.	Appearance of Solution	The solution is clear and colorless
5.	pH	4.4 to 5.6.
6.	Chloride	Max. 300 ppm
7.	Iron	Max 100 ppm
8.	Assay	97.0% - 100.5%

**REVISION HISTORY:**

Revision No.	Effective Date	Revision Description	Change Control No.
00	22/09/2021	First Issuance	N A

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