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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 JP**

**Page No.:** 1 of 3

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

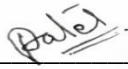
**Revision No.:**  
00

**Effective Date**  
22/09/2021

**Review Date**  
21/09/2024


**Change Control No.**

NA

Prepared By: 

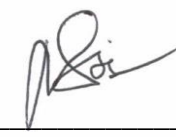
Date: 18/09/2021

Name : Pankaj Patel  
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Reviewed By: 

Date: 20/09/2021

Name : Nilesh Shah  
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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:** 287.55gm/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) :**

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**TEST PARAMETERS AND SPECIFICATIONS****REF: JP**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	Colorless crystals or White crystalline powder.
2.	Solubility	It is very soluble in water, and very slightly soluble in ethanol (99.5%)
3.	<b>Identification (1)</b> Responds to the Qualitative Tests for zinc salt <b>Identification (2)</b> Responds to the Qualitative Tests for sulfate	To pass test  To pass test
4.	pH	4.4 to 6.0
5.	Clarity and color of solution	The solution is clear and colorless
6.	Heavy metals	Max. 10 ppm
7.	Alkali earth metals and alkali metals	The mass of the residue is not more than 5.0 mg
8.	Arsenic	Max. 2 ppm
9.	Loss on drying	Min. 35.5 % to Max. 38.5 %
10.	Assay %	99.0% - 102.0 %

**REVISION HISTORY:**

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

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