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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: Sodium Dihydrogen Phosphate Dihydrate BP**

**Page No.:** 1 of 3

**Specification No.:**  
ACPL/FP/SP/012

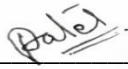
**Revision No.:**  
00

**Effective Date**  
03/09/2021

**Review Date**  
02/09/2024

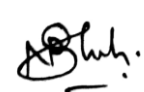
**Change Control No.**

NA

Prepared By: 


Date: 31/08/2021

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Reviewed By: 

Date: 01/09/2021

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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:** 13472-35-0**6.0 MOLECULAR FORMULA:**  $\text{NaH}_2\text{PO}_4 \cdot 2\text{H}_2\text{O}$ **7.0 MOLECULAR WEIGHT:** 156.0 gm/mol.**8.0 CATEGORY:** Pharmaceutical aid.**9.0 STORAGE:** Preserve in well-closed containers.**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) :**  03/09/2021

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

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Appearance	White or almost white powder or colorless crystals.
2.	Solubility	Very soluble in water, very slightly soluble in ethanol (96 per cent).
3.	<b>Identification A</b> Solution S is slightly acid <b>Identification B</b> Solution S gives reaction of phosphates <b>Identification C</b> Solution S gives reaction (a) of Sodium	To pass test  To pass test  To pass test
4.	Appearance of Solution	The solution is clear and colorless
5.	pH (5% Solution)	4.2 to 4.5.
6.	Reducing substances	To Pass Test.
7.	Chlorides	Max. 200 ppm
8.	Sulfates	Max. 300 ppm
9.	Arsenic	Max 2 ppm
10.	Iron	Max. 10 ppm
11.	Loss on drying	21.5 % to 24.0 %
12.	Assay (dried basis)	98.0% - 100.5%

**REVISION HISTORY:**

Revision No.	Effective Date	Revision Description	Change Control No.
00	03/09/2021	First Issuance	N A

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