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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: Di Sodium Hydrogen Phosphate Dihydrate Food Grade**

**Page No.:** 1 of 3

**Specification No.:**  
ACPL/FP/SP/006

**Revision No.:**  
00

**Effective Date**  
27/07/2021

**Review Date**  
26/07/2024


**Change Control No.**

NA

Prepared By: 

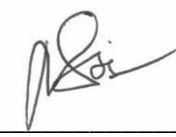
Date: 23/07/2021

Name : Pankaj Patel  
(QC Officer / Designee)

Reviewed By: 

Date: 24/07/2021

Name : Nilesh Shah  
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Approved By: 

Date: 26/07/2021

Name : Naresh Solanki  
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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:** 10028-24-7

**6.0 MOLECULAR FORMULA:**  $\text{Na}_2\text{HPO}_4 \cdot 2\text{H}_2\text{O}$

**7.0 MOLECULAR WEIGHT:** 178.0gm/mol.

**8.0 CATEGORY:** Excipient.

**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.

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**TEST PARAMETERS AND SPECIFICATIONS****REF: FOOD GRADE**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Appearance	White or almost white powder or colorless crystals.
2.	Solubility	Soluble in water
3.	Identification Test for Sodium and Phosphate	To Pass test
4.	Insoluble Substances	Max. 0.2%
5.	Arsenic	Max. 3 ppm
6.	Lead	Max. 4 ppm
7.	Fluoride	Max. 50 ppm
8.	Loss on Drying	Min. 18.0 % to Max. 22.0%
9.	Assay (Dried Substance)	Min. 98.0%

**REVISION HISTORY:**

Revision No.	Effective Date	Revision Description	Change Control No.
00	27/07/2021	First Issuance	N A

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27/07/2021