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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 Dodecahydrate AR**

**Page No.:** 1 of 3

**Specification No.:**  
ACPL/FP/SP/025

**Revision No.:**  
00

**Effective Date**  
28/07/2021

**Review Date**  
27/07/2024

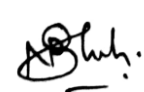
**Change Control No.**

NA

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Date: 24/07/2021

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Reviewed By: 

Date: 26/07/2021

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Date: 27/07/2021

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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:** 10039-32-4**6.0 MOLECULAR FORMULA:**  $\text{Na}_2\text{HP0}_4 \cdot 12\text{H}_2\text{O}$ **7.0 MOLECULAR WEIGHT:** 358.1 gm/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.**UNCONTROLLED COPY****Format No.** QC/017/F/01-00**Certified By (Sign/Date) :**  28/07/2021

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**TEST PARAMETERS AND SPECIFICATIONS****REF: AR**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Appearance	Colorless, transparent crystals, very efflorescent.
2.	Solubility	Freely soluble in water, practically insoluble in ethanol (96 %).
3.	pH (5% Solution)	9.1 – 9.4
4.	Chloride as Cl	Max. 50 ppm
5.	Sulphate as SO <sub>4</sub>	Max. 50 ppm
6.	Total Nitrogen as N	Max. 10 ppm
7.	Heavy Metal (as Pb)	Max. 5 ppm
8.	Iron as Fe	Max. 5 ppm
9.	Potassium as K	Max. 50 ppm
10.	Arsenic as As	Max. 0.5 ppm
11.	Assay as Na <sub>2</sub> HPO <sub>4</sub> .2H <sub>2</sub> O	Min. 99.0 %

**REVISION HISTORY:**

Revision No.	Effective Date	Revision Description	Change Control No.
00	28/07/2021	First Issuance	N A

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