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Plot no. 1116/P, Lamadapura Road,  
Manjusar – 391 775,  
Ta- Savli, Dist. Vadodara, Gujarat, India

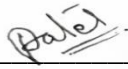
**Quality Control**

**Standard Test Specifications**

**Title: Di Sodium Hydrogen Phosphate Dodecahydrate USP**

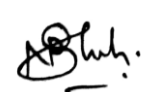
**Page No.:** 1 of 3

Specification No.:	Revision No.:	Effective Date	Review Date
ACPL/FP/SP/025	00	28/07/2021	27/07/2024
Change Control No.	NA		

Prepared By: 


Date: 24/07/2021

Name : Pankaj Patel  
(QC Officer / Designee)

Reviewed By: 

Date: 26/07/2021

Name : Nilesh Shah  
(Unit Head / Designee)

Approved By: 

Date: 27/07/2021

Name : Naresh Solanki  
(QA/QC In Charge / Designee)

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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 :**  $\text{Na}_2\text{HPO}_4 \cdot 12\text{H}_2\text{O}$ **7.0 MOLECULAR WEIGHT:** 358.14 gm/mol.**8.0 CATEGORY:** Excipient.**9.0 STORAGE:** Preserve in tight 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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NA

**TEST PARAMETERS AND SPECIFICATIONS****REF: USP**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Appearance	White or almost white powder, hygroscopic.
2.	<b>Identification A</b> Test for Sodium <b>Identification B</b> Test for phosphates	To Pass test  To Pass test
3.	Assay (dried basis)	98.0 % - 100.5 %
4.	Insoluble substance	Max. 4000 ppm
5.	Chlorides	Max. 600 ppm
6.	Sulfates	Max. 2000 ppm
7.	Arsenic	Max 2 ppm
8.	Loss on drying	Min. 55.0 % to Max. 64.0 %

**REVISION HISTORY:**

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

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