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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 BP

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/006

Revision No.:
00

Effective Date
27/07/2021

Review Date
26/07/2024

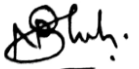
Change Control No.

NA

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Date: 23/07/2021

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Reviewed By: 

Date: 24/07/2021

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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: 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.**UNCONTROLLED COPY****Format No.** QC/017/F/01-00**Certified By (Sign/Date) :**  27/07/2021

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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	Soluble in water, practically insoluble in ethanol (96 %).
3.	Identification A Solution S is slightly alkaline Identification C Solution S gives reaction (b) of phosphates Identification D 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.	Reducing substances	To Pass Test.
6.	Mon potassium phosphate	Max. 2.5 %
7.	Chlorides	Max. 400 ppm
8.	Sulfates	Max. 0.1 %
9.	Arsenic	Max 4 ppm
10.	Iron	Max. 40 ppm
11.	Loss on drying	19.5 % to 21.0 %
12.	Assay (dried basis)	98.0% - 101.0%

REVISION HISTORY:

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

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