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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 BP

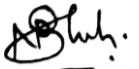
Page No.: 1 of 4

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

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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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NA

TEST PARAMETERS AND SPECIFICATIONS**REF: BP**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Appearance	Colorless, transparent crystals, very efflorescent.
2.	Solubility	Freely soluble in water, practically insoluble in ethanol (96 per cent).
3.	Identification A Solution S is slightly alkaline Identification B Loss on drying (see Tests) 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 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. 200 ppm
8.	Sulfates	Max. 500 ppm
9.	Arsenic	Max 2 ppm
10.	Iron	Max. 20 ppm

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11.	Loss on drying	57.0 % to 61.0 %
12.	Assay (dried basis)	98.5 % - 102.5 %

REVISION HISTORY:

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

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