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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 Food Grade

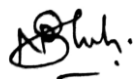
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Specification No.:	Revision No.:	Effective Date	Review Date
ACPL/FP/SP/025	00	28/07/2021	27/07/2024
Change Control No.	NA		

Prepared By: 


Date: 24/07/2021

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Date: 26/07/2021

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Date: 27/07/2021

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Certified By (Sign/Date) :  28/07/2021

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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: $\text{Na}_2\text{HPO}_4 \cdot 12\text{H}_2\text{O}$

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.

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

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Appearance	Colorless, transparent crystals, very efflorescent.
2.	Solubility	Freely soluble in water.
3.	Identification	Should respond to the test for Sodium and Phosphate
4.	Loss on drying (at 130°C to constant weight)(% w/w)	55.0 % to 64.0 %
5.	Insoluble Substance (% w/w)	Max. 0.4 %
6.	Chloride	Should meet the test
7.	Sulphate	Should meet the test
8.	Arsenic	Max. 16 PPM
9.	Heavy Metals	Max. 0.002 %
10.	Assay	98 % to 100.5 %

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
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First Issuance

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