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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 AR

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/006

Revision No.:
00

Effective Date
26/07/2021

Review Date
25/07/2024

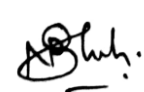
Change Control No.

NA

Prepared By: 


Date: 22/07/2021

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Reviewed By: 

Date: 23/07/2021

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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.

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TEST PARAMETERS AND SPECIFICATIONS**REF: AR**

| Sr. No. | TEST PARAMETER | SPECIFICATION |
|---------|-----------------------------|---|
| 1. | Appearance | White or almost white powder or colorless crystals. |
| 2. | Solubility | Soluble in water |
| 3. | pH (5% Aqueous Solution) | 8.7 to 9.3 |
| 4. | Chloride as Cl | Max. 20 ppm |
| 5. | Sulphate as SO ₄ | Max. 50 ppm |
| 6. | Iron as Fe | Max. 10 ppm |
| 7. | Heavy Metal | Max. 10 ppm |
| 8. | Assay | NLT 99.0% |

REVISION HISTORY:

| Revision No. | Effective Date | Revision Description | Change Control No. |
|--------------|----------------|----------------------|--------------------|
| 00 | 26/07/2021 | First Issuance | N A |

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