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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 LR**

**Page No.:** 1 of 3

**Specification No.:**  
ACPL/FP/SP/006

**Revision No.:**  
00

**Effective Date**  
27/07/2021

**Review Date**  
26/07/2024

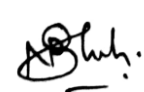
**Change Control No.**

NA

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Date: 23/07/2021

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(QC Officer / Designee)

Reviewed By: 

Date: 24/07/2021

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Date: 26/07/2021

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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:**  $\text{Na}_2\text{HP0}_4 \cdot 2\text{H}_2\text{O}$

**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: LR**

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. 100 ppm
5.	Sulphate as SO <sub>4</sub>	Max. 200 ppm
6.	Iron as Fe	Max. 20 ppm
7.	Heavy Metal as Pb	Max. 20 ppm
8.	Assay	Min. 97.0%

**REVISION HISTORY:**

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

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