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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 LR


Page No.: 1 of 3

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**

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TEST PARAMETERS AND SPECIFICATIONS
REF: LR

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Appearance	Colorless, transparent crystals, very efflorescent.
2.	Solubility	Freely soluble in water, practically insoluble in ethanol (96 %).
3.	Identification Test for Sodium and phosphate	To Pass test
4.	Chloride as Cl	Max. 200 ppm
5.	Sulphate as SO ₄	Max. 500 ppm
6.	Heavy Metal (as Pb)	Max. 10 ppm
7.	Iron as Fe	Max. 20 ppm
8.	Arsenic as As	Max. 2 ppm
9.	Assay as Na ₂ HPO ₄ .12H ₂ O	98.5 % – 101.0 %

REVISION HISTORY:

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

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