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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: Tri Sodium Phosphate Dodecahydrate USP

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/049

Revision No.:
00

Effective Date
15/09/2021

Review Date
14/09/2024


Change Control No.

NA

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Quality Control**Standard Test Specifications****Title: Tri Sodium Phosphate Dodecahydrate USP****Page No.:** 2 of 3**Specification No.:**

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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: 10101-89-0**6.0 MOLECULAR FORMULA:** $\text{Na}_3\text{PO}_4 \cdot 12\text{H}_2\text{O}$ **7.0 MOLECULAR WEIGHT:** 380.12g/mol.**8.0 CATEGORY:** Excipient.**9.0 STORAGE:** Preserve in tight 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) :**

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TEST PARAMETERS AND SPECIFICATIONS**REF: USP**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Appearance	White or almost white powder, hygroscopic.
2.	Solubility	Soluble in water.
3.	Identification Tests for Sodium and for Phosphate	To Pass test
4.	Assay%	Min. 92.0% of Na ₃ PO ₄ on the ignited basis.
5.	Loss on Ignition	45.0%–57.0%
6.	Arsenic	Max. 3 ppm
7.	Insoluble Substances	Max. 0.2 %

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	15/09/2021	First Issuance	NA

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