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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 AR

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/049

Revision No.:
00

Effective Date
15/09/2021

Review Date
14/09/2024

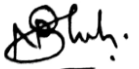
Change Control No.

NA

Prepared By: 


Date: 11/09/2021

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Date: 13/09/2021

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Date: 14/09/2021

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Quality Control**Standard Test Specifications****Title: Tri Sodium Phosphate Dodecahydrate AR****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 RETEST DATE : One year**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:** 380.12 g/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 100 gm.**UNCONTROLLED COPY****Format No.** QC/017/F/01-00**Certified By (Sign/Date) :**

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TEST PARAMETERS AND SPECIFICATIONS**REF: AR**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	White or almost white powder, hygroscopic.
2.	Solubility	Soluble in water
3.	Free Alkali	Max. 2.0 %
4.	Chloride as Cl	Max. 50 ppm
5.	Sulphate as SO ₄	Max. 50 ppm
6.	Iron as Fe	Max. 10 ppm
7.	Water Insoluble Matter	Max. 50 ppm
8.	Heavy Metal	Max. 10 ppm
9.	Total Nitrogen	Max. 10 ppm
10.	Assay	Min. 98.0 %

REVISION HISTORY:

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

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15/09/2021