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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 LR

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: 

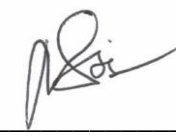
Date: 11/09/2021

Name : Pankaj Patel
(QC Officer / Designee)

Reviewed By: 

Date: 13/09/2021

Name : Nilesh Shah
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Approved By: 

Date: 14/09/2021

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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 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.

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TEST PARAMETERS AND SPECIFICATIONS**REF: LR**

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. 500 ppm
5.	Sulphate as SO ₄	Max. 300 ppm
6.	Iron as Fe	Max. 10 ppm
7.	Water Insoluble Matter	Max. 50 ppm
8.	Heavy Metal	Max. 100 ppm
9.	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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