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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: Sodium Dihydrogen Phosphate Dihydrate Food Grade

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/012

Revision No.:
00

Effective Date
02/09/2021

Review Date
01/09/2024


Change Control No.

NA

Prepared By: 

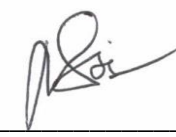
Date: 30/08/2021

Name : Pankaj Patel
(QC Officer / Designee)

Reviewed By: 

Date: 31/08/2021

Name : Nilesh Shah
(Unit Head / Designee)

Approved By: 

Date: 01/09/2021

Name : Naresh Solanki
(QA/QC In Charge / Designee)

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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 : Three year**5.0 CAS No:** 13472-35-0**6.0 MOLECULAR FORMULA:** $\text{NaH}_2\text{P}_0_4 \cdot 2\text{H}_2\text{O}$ **7.0 MOLECULAR WEIGHT:** 156.0 gm/mol.**8.0 CATEGORY:** Pharmaceutical aid.**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****Format No.** QC/017/F/01-00**Certified By (Sign/Date) :**  02/09/2021

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TEST PARAMETERS AND SPECIFICATIONS**REF: FOOD GRADE**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	Colorless Crystals Or White Powder; Odorless
2.	Solubility	Very Soluble in Water
3.	Identification A Solution S gives the reaction of Phosphates Identification B Solution S gives reaction (a) of Sodium	To Pass test To Pass test
4.	pH of 5% Solution	4.2 to 4.5
5.	Heavy Metal	Max. 10 ppm
6.	Iron	Max. 20 ppm
7.	Chloride as Cl	Max. 250 ppm
8.	Sulphate as SO ₄	Max. 300 ppm
9.	Loss on Drying	21.5% – 24.0 %
10.	Assay (Dried Substance)	98.0 % – 100.5%

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	02/09/2021	First Issuance	N A

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