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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 Monohydrate Food Grade

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/044

Revision No.:
00

Effective Date
04/09/2021

Review Date
03/09/2024

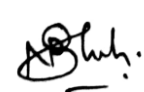
Change Control No.

NA

Prepared By: 


Date: 01/09/2021

Name : Pankaj Patel
(QC Officer / Designee)

Reviewed By: 

Date: 02/09/2021

Name : Nilesh Shah
(Unit Head / Designee)

Approved By: 

Date: 03/09/2021

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 RETESTG DATE: Three year

5.0 CAS No: 10049-21-5

6.0 MOLECULAR FORMULA: $\text{NaH}_2\text{P0}_4\cdot\text{H}_2\text{O}$

7.0 MOLECULAR WEIGHT: 138.0 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 100 gm.

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

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	Colorless crystals or a white powder.
2.	Solubility	Freely soluble in water
3.	pH (5% Aqueous Solution)	4.2 to 5.0
4.	Insoluble Matter	Max. 0.1 %
5.	Lead as Pb	Max. 3 ppm
6.	Fluoride as F	Max. 10 ppm
7.	Cadmium as Cd	Max. 1 ppm
8.	Heavy Metal (As Pb)	Max. 10 ppm
9.	Iron as Fe	Max. 30 ppm
10.	Assay (After Drying)	Min. 99.0 % of NaH ₂ PO ₄
11.	Assay (On Anhydrous Basis)	99.0 % - 102 %

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	04/09/2021	First Issuance	N A

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