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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 ACS

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/044

Revision No.:
00

Effective Date
04/09/2021

Review Date
03/09/2024

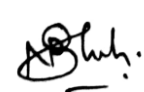
Change Control No.

NA

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Date: 01/09/2021

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Date: 02/09/2021

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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 : Three year**5.0 CAS No:** 10049-21-5**6.0 MOLECULAR FORMULA:** $\text{NaH}_2\text{P}_0_4\cdot\text{H}_2\text{O}$ **7.0 MOLECULAR WEIGHT:** 137.99 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 100gm.**UNCONTROLLED COPY****Format No.** QC/017/F/01-00**Certified By (Sign/Date) :**

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TEST PARAMETERS AND SPECIFICATIONS**REF: ACS**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	White, slightly deliquescent crystals or granules.
2.	Solubility	Freely soluble in water
3.	pH (5% Aqueous Solution)	4.1 to 4.5
4.	Insoluble Matter	Max. 100 ppm
5.	Chloride as Cl	Max. 5 ppm
6.	Sulphate as SO ₄	Max. 30 ppm
7.	Calcium as Ca	Max. 50 ppm
8.	Potassium as K	Max. 100 ppm
9.	Heavy Metal (As Pb)	Max. 10 ppm
10.	Iron as Fe	Max. 20 ppm
11.	Assay	98.0 % - 102.0 % of NaH ₂ PO ₄ .H ₂ O

REVISION HISTORY:

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

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04/09/2021