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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: Di Sodium Hydrogen Phosphate Anhydrous ACS**

**Page No.:** 1 of 3

**Specification No.:**  
ACPL/FP/SP/005

**Revision No.:**  
00

**Effective Date**  
26/07/2021

**Review Date**  
25/07/2024

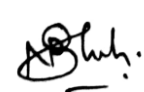
**Change Control No.**

NA

Prepared By: 


Date: 22/07/2021

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Reviewed By: 

Date: 23/07/2021

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Date: 24/07/2021

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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 EXPIRY :**

Five years from the Date of Manufacturing.

**5.0 CAS No:** 7758-11-4**6.0 MOLECULAR FORMULA:** Na<sub>2</sub>HP0<sub>4</sub>.**7.0 MOLECULAR WEIGHT:** 142.0gm/mol.**8.0 CATEGORY:** Cathartic; pharmaceutical aid (buffering agent).**9.0 STORAGE:** In an airtight container.**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 or almost white powder, hygroscopic.
2.	Solubility	33.3 mg soluble in 1 ml of water
3.	pH (5% Aqueous Solution)	8.7 to 9.3
4.	Water Insoluble matter	Max. 100 ppm
5.	Chloride as Cl	Max. 20 ppm
6.	Iron as Fe	Max. 20 ppm
7.	Sulphate as SO <sub>4</sub>	Max. 50 ppm
8.	Loss on Drying (at 105°C for 1 hr.)	Max. 0.2%
9.	Nitrogen Compounds as N	Max. 20 ppm
10.	Heavy Metal as Pb	Max. 10 ppm
11.	Assay (On dry basis)	Min. 99.0% to Max.100.5 %

**REVISION HISTORY:**

Revision No.	Effective Date	Revision Description	Change Control No.
00	26/07/2021	First Issuance	N A

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26/07/2021