

**MASTER COPY**



Plot no. 1116/P, Lamadapura Road,  
Manjusar – 391 775,  
Ta- Savli, Dist. Vadodara, Gujarat, India

**Quality Control**

**Standard Test Specifications**

**Title: Potassium Dihydrogen Phosphate ACS**

**Page No.:** 1 of 3

**Specification No.:**  
ACPL/FP/SP/007

**Revision No.:**  
00

**Effective Date**  
18/08/2021

**Review Date**  
17/08/2024


**Change Control No.**

NA

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Date: 14/08/2021

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Date: 16/08/2021

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Date: 17/08/2021

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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:** 7778-77-0**6.0 MOLECULAR FORMULA:**  $\text{KH}_2\text{P}_0_4$ **7.0 MOLECULAR WEIGHT:** 136.1gm/mol.**8.0 CATEGORY:** Excipient.**9.0 STORAGE:** Preserve in well-closed containers.**10.0 SAFETY PRECAUTIONS TO BETAKENWHILE 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, crystalline powder or colorless crystals.
2.	Solubility	Soluble in water.
3.	pH (5% aqueous solution)	4.1 – 4.5
4.	Water insoluble matter	Max. 100 ppm
5.	Chloride (Cl)	Max. 10 ppm
6.	Sulphate (SO <sub>4</sub> )	Max. 30 ppm
7.	Heavy metals (as Pb)	Max. 10 ppm
8.	Iron (Fe)	Max. 20 ppm
9.	Sodium (Na)	Max. 50 ppm
10.	Assay	Min.99.00%

**REVISION HISTORY:**

Revision No.	Effective Date	Revision Description	Change Control No.
00	18/08/2021	First Issuance	N A

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18/08/2021