

**MASTER COPY**



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

**Quality Control**

**Standard Test Specifications**

**Title: Tri Potassium Phosphate ACS**

**Page No.:** 1 of 3


Specification No.:	Revision No.:	Effective Date	Review Date
ACPL/FP/SP/047	00	13/09/2021	12/09/2024
Change Control No.	NA		

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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 :** One year**5.0 CAS No:** 7778-53-2**6.0 MOLECULAR FORMULA:**  $K_3PO_4$ **7.0 MOLECULAR WEIGHT:** 212.27 gm/mol.**8.0 CATEGORY:** Excipient.**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 100 gm.**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 Hydrosopic Powder
2.	Solubility	Freely Soluble in Water
3.	Di Basic Potassium Phosphate	Max. 1.0 %
4.	Excess Alkali as KOH	Max. 1.0 %
5.	Insoluble Matter	Max. 100 ppm
6.	Chloride as Cl	Max. 50 ppm
7.	Sulphate as SO <sub>4</sub>	Max. 50 ppm
8.	Iron as Fe	Max. 20 ppm
9.	Nitrogen compounds as N	Max. 20 ppm
10.	Heavy Metal as Pb	Max. 20 ppm
11.	Sodium as Na	Max. 0.1 %
12.	Assay %	Min. 98.0 %

**REVISION HISTORY:**

Revision No.	Effective Date	Revision Description	Change Control No.
00	13/09/2021	First Issuance	N A

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