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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: Tri Potassium Phosphate Food Grade


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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Certified By (Sign/Date) :  13/09/2021

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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 : 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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NA

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

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	White Hydrosopic Powder
2.	Solubility	Freely Soluble in Water
3.	pH	11 to 12
4.	Identification respond to the test for Potassium and Phosphate	To Pass test
5.	Insoluble Substances	Max. 0.2 %
6.	Arsenic	Max. 3 ppm
7.	Fluoride	Max. 10 ppm
8.	Iron as Fe	Max. 10 ppm
9.	Lead	Max. 12 ppm
10.	Loss On Ignition	Max. 5.0 %
11.	Assay (On Ignited Basis)	Min. 97.0 %

REVISION HISTORY:

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

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