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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 Potassium Hydrogen Phosphate Food Grade

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/004

Revision No.:
00

Effective Date
23/07/2021

Review Date
22/07/2024


Change Control No.

NA

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Date: 21/07/2021

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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 RETEST DATE :One year

5.0 CAS No: 7758-11-4

6.0 MOLECULAR FORMULA:K₂HP0₄

7.0 MOLECULAR WEIGHT: 174.18gm/mol.

8.0 CATEGORY: Excipients.

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.

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

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	A White Powder or colorless Crystals, Very Hygroscopic
2.	Solubility	Very Soluble in water
3.	Identification Test for Potassium and Phosphate	To Pass test
4.	Arsenic	Max. 3 ppm
5.	Iron	Max. 20 ppm
6.	Heavy Metals	Max. 10 ppm
7.	Water Insoluble	Max. 500 ppm
8.	Fluoride	Max. 10 ppm
9.	pH (1% Solution in Water)	8.7 to 9.4
10.	Lead	Max. 3 ppm
11.	Cadmium	Max. 1 ppm
12.	Mercury	Max. 1 ppm
13.	Assay (On Dry Basis)	98.00 % – 101.00 %

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	23/07/2021	First Issuance	N A

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