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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: Potassium Dihydrogen Phosphate USP

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/007

Revision No.:
00

Effective Date
19/08/2021

Review Date
18/08/2024

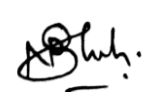
Change Control No.

NA

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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 EXPIRY :

Five years from the Date of Manufacturing.

5.0 CAS No: 7778-77-0

6.0 MOLECULAR FORMULA: KH_2PO_4

7.0 MOLECULAR WEIGHT: 136.0.9gm/mol.

8.0 CATEGORY: Excipient.

9.0 STORAGE: Preserve in tight 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.

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TEST PARAMETERS AND SPECIFICATIONS**REF: USP**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Appearance	White or almost white, crystalline powder or colorless crystals.
2.	Solubility	Freely soluble in water, practically insoluble in ethanol (96 %).
3.	Identification A Test for Potassium	To Pass test
	Identification B Test For Phosphate	To Pass test
4.	Assay (dried basis)	98.0 % - 100.5 %
5.	Arsenic	Max. 3 µg/g
6.	Lead	Max. 5 µg/g
7.	Limit of Fluoride	Max. 10 µg/g
8.	Insoluble Substances	Max. 0.2 %
9.	Loss On Drying	Max. 1.0 %

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	19/08/2021	First Issuance	N A

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19/08/2021