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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 AR

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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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:** KH_2P_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) :**  18/08/2021

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TEST PARAMETERS AND SPECIFICATIONS**REF: AR**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	White or almost white, crystalline powder or colorless crystals.
2.	Solubility	Freely soluble in water
3.	pH (5% aqueous solution)	4.2 – 4.4
4.	Water insoluble matter	Max. 100 ppm
5.	Chloride (Cl)	Max. 5 ppm
6.	Nitrate (NO ₃)	Max. 10 ppm
7.	Sulphate (SO ₄)	Max. 50 ppm
8.	Ammonium (NH ₄)	Max. 25 ppm
9.	Calcium (Ca)	Max. 100 ppm
10.	Heavy metals (as Pb)	Max. 5 ppm
11.	Iron (Fe)	Max. 20 ppm
12.	Magnesium (Mg)	Max. 50 ppm
13.	Sodium (Na)	Max. 100 ppm
14.	Loss on drying (110°C)	Max. 0.5%
15.	Assay (After Drying)	99.00 % to 101%

REVISION HISTORY:

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

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