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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 Citrate Monohydrate Food Grade

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/036

Revision No.:
00

Effective Date
17/08/2021

Review Date
16/08/2024

Change Control No.

NA

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Date: 13/08/2021

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Quality Control**Standard Test Specifications****Title: Potassium Citrate Monohydrate Food Grade****Page No.:** 2 of 3**Specification No.:**
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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:** 6100-05-6**6.0 MOLECULAR FORMULA:** $C_6H_5K_3O_7 \cdot H_2O$ **7.0 MOLECULAR WEIGHT:** 324.4 gm/mol.**8.0 CATEGORY:** Systemic alkaliser.**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: FOOD GRADE**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Appearance	White or almost white, granular powder or transparent crystals, hygroscopic.
2.	Solubility	Freely Soluble In Water; Insoluble In Alcohol
3.	Identification Test for Potassium & Citrate	To Pass test
4.	Alkalinity	To Pass test
5.	Lead	Max. 2 ppm
6.	Water	3.0 % To 6.0 %
7.	Assay % (On Anhydrous Basis)	Min. 99.00 % to Max. 100.50 %

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	17/08/2021	First Issuance	N A

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