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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 LR**

**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

Prepared By: \_\_\_\_\_

Date: 13/08/2021

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Date: 14/08/2021

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Date: 16/08/2021

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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 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) :**  17/08/2021

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**TEST PARAMETERS AND SPECIFICATIONS****REF: LR**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Appearance	White or almost white, granular powder or transparent crystals, hygroscopic.
2.	Solubility	Freely soluble in water
3.	pH (5 % Aqueous Solution)	7.0 – 9.0
4.	Chloride as Cl	Max. 200 ppm
5.	Sulphate as SO <sub>4</sub>	Max. 200 ppm
6.	Heavy Metals (as Pb)	Max. 20 ppm
7.	Arsenic as As	Max. 2 ppm
8.	Assay % (On Anhydrous Basis)	Min. 99.00 % to Max. 101 %

**REVISION HISTORY:**

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

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