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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 USP

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/036

Revision No.:
00

Effective Date
17/08/2021

Review Date
16/08/2024

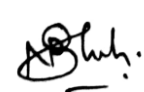
Change Control No.

NA

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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: 6100-05-6**6.0 MOLECULAR FORMULA:** $C_6H_5K_3O_7 \cdot H_2O$ **7.0 MOLECULAR WEIGHT:** 324.41 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: USP**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Appearance	White or almost white, granular powder or transparent crystals, hygroscopic.
2.	Solubility	Very soluble in water, practically insoluble in ethanol (96 %).
3.	Identification A Test for citrates and potassium	To Pass test
4.	Assay % (Dried substance)	99.0 % - 100.5 %
5.	Tartrate	To Pass test (No crystalline precipitate is formed)
6.	Alkalinity	The Sample solution is alkaline to litmus. No pink color is produced after the addition of phenolphthalein.
7.	Loss on Drying	3.0 % – 6.0 %

REVISION HISTORY:

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

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