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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 Carbonate EP

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/034

Revision No.:
00

Effective Date
13/08/2021

Review Date
12/08/2024

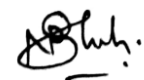
Change Control No.

NA

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Date: 10/08/2021

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Date: 11/08/2021

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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: 584-08-7**6.0 MOLECULAR FORMULA: K₂CO₃.****7.0 MOLECULAR WEIGHT: 138.2 gm/mol.****8.0 CATEGORY: Antacid; use in treatment of electrolyte deficiency.****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: EP**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Appearance	White or almost white granular powder, hygroscopic.
2.	Solubility	Freely soluble in water, practically insoluble in ethanol (96 %).
3.	Identification A The solution is strongly alkaline Identification B 2 mL of the solution prepared for identification test A gives the reaction of carbonates and bicarbonates. Identification C 1 mL of the solution prepared for identification test A gives reaction (b) of potassium.	To pass test To pass test To pass test
4.	Appearance of Solution.	Solution S is not more opalescent than reference suspension II and not more intensely colored than reference solution Y6.
5.	Chlorides	Max. 100 ppm
6.	Sulfates	Max. 100 ppm
7.	Calcium	Max. 100 ppm
8.	Iron (Fe)	Max. 10 ppm
9.	Loss on drying	Max. 5.0 %
10.	Assay %	99.0 % to 101.0 %

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	13/08/2021	First Issuance	N A

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