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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 USP

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/034

Revision No.:
00

Effective Date
13/08/2021

Review Date
12/08/2024

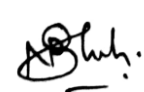
Change Control No.

NA

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Date: 11/08/2021

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Date: 12/08/2021

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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: Preserve in well-closed containers.

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.

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TEST PARAMETERS AND SPECIFICATIONS**REF: USP**

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 Test for potassium Identification B Test for carbonates	To pass test To pass test
4.	Assay %	99.5 % to 100.5 %
5.	Loss on drying	Max. 0.5 %
6.	Insoluble Substances	The solution is complete, clear, and colorless

REVISION HISTORY:

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

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