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Annexe
CHEM PVT. LTD.

Plot no. 1116/P, Lamadapura Road,
Manjusar – 391 775,
Ta- Savli, Dist. Vadodara, Gujarat, India

Quality Control

Standard Test Specifications

Title: Potassium Bi Carbonate Food Grade

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/033

Revision No.:
00

Effective Date
11/08/2021

Review Date
10/08/2024

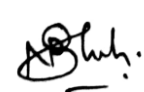
Change Control No.

NA

Prepared By: 


Date: 07/08/2021

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Reviewed By: 

Date: 09/08/2021

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Date: 10/08/2021

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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: Five years

5.0 CAS No: 298-14-6

6.0 MOLECULAR FORMULA: KHCO₃

7.0 MOLECULAR WEIGHT: 100.12 gm/mol.

8.0 CATEGORY: Excipient.

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 100gm.

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TEST PARAMETERS AND SPECIFICATIONS
REF: FOOD GRADE

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	White or almost white, crystalline powder or colorless crystals.
2.	Solubility	Freely soluble in water, practically insoluble in ethanol (96 %)
3.	Water Insoluble	NMT 0.002%
4.	K ₂ SO ₄	NMT 0.04%
5.	Fe ₂ O ₃	NMT 0.001%
6.	Moisture	NMT 1.0%
7.	KCl	NMT 0.03%
8.	K	NLT 38%
9.	Assay %	NLT 99%

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	11/08/2021	First Issuance	N A

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