

MASTER COPY



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

Quality Control

Standard Test Specifications

Title: Potassium Carbonate Food Grade

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/034

Revision No.:
00

Effective Date
12/08/2021

Review Date
11/08/2024

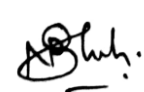
Change Control No.

NA

Prepared By: 


Date: 09/08/2021

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Reviewed By: 

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 RETESR DATE : Five year**5.0 CAS No:** 584-08-7**6.0 MOLECULAR FORMULA:** K_2CO_3 .**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: FOOD GRADE**

| Sr. No. | TEST PARAMETER | SPECIFICATION |
|---------|--|---|
| 1. | Description | White or almost white granular powder, hygroscopic. |
| 2. | Solubility | Freely soluble in water, practically insoluble in ethanol (96 %). |
| 3. | Identification Test For Potassium and Carbonate | To Pass test |
| 4. | Loss on Drying (at 105°C ±2 for 3 Hrs) | Max. 1.0 % |
| 5. | Insoluble Substances | To Pass test |
| 6. | Lead | Max. 20 ppm |
| 7. | Assay (On Dry Basis) | Min. 99.00 % to Max. 100.50 % |

REVISION HISTORY:

| Revision No. | Effective Date | Revision Description | Change Control No. |
|--------------|----------------|----------------------|--------------------|
| 00 | 12/08/2021 | First Issuance | N A |

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