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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 AR

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: 

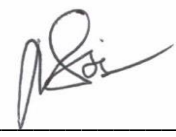
Date: 09/08/2021

Name : Pankaj Patel
(QC Officer / Designee)

Reviewed By: 

Date: 10/08/2021

Name : Nilesch Shah
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Approved By: 

Date: 11/08/2021

Name : Naresh Solanki
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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: AR**

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.	Calcium (Ca)	Max. 20 ppm
5.	Phosphate (PO ₄)	Max. 5 ppm
6.	Silicate (SiO ₂)	Max. 50 ppm
7.	Water Insoluble matter	Max. 50 ppm
8.	Chloride (Cl)	Max. 30 ppm
9.	Sulphate (SO ₄)	Max. 30 ppm
10.	Iron (Fe)	Max. 5 ppm
11.	Copper (Cu)	Max. 5 ppm
12.	Magnesium (Mg)	Max. 10 ppm
13.	Lead (Pb)	Max. 5 ppm
14.	Nitrogen Compounds (N)	Max. 10 ppm
15.	Sodium (Na)	Max. 800 ppm
16.	Loss on Drying at 300°C	Max. 1.0 %
17.	Assay (After Drying at 300°C)	Min. 99.0 %

REVISION HISTORY:

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

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