

**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 ACS**

**Page No.: 1 of 3**

**Specification No.:**  
ACPL/FP/SP/034

**Revision No.:**  
00

**Effective Date**  
12/08/2021

**Review Date**  
11/08/2024

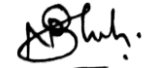
**Change Control No.**

NA

Prepared By: 


Date: 09/08/2021

Name : Pankaj Patel  
(QC Officer / Designee)

Reviewed By: 

Date: 10/08/2021

Name : Nilesh Shah  
(Unit Head / Designee)

Approved By: 

Date: 11/08/2021

Name : Naresh Solanki  
(QA/QC In Charge / Designee)

**UNCONTROLLED COPY**

Format No. QC/017/F/01-00

Certified By (Sign/Date) :  12/08/2021

**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 ACS**

**Page No.: 2 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

**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) :**  12/08/2021

**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 ACS****Page No.:** 3 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

**TEST PARAMETERS AND SPECIFICATIONS****REF: ACS**

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.	Insoluble matter	Max. 100 ppm
4.	Chloride as Cl	Max. 30 ppm
5.	Phosphate as PO <sub>4</sub>	Max. 10 ppm
6.	Silicate as SiO <sub>2</sub>	Max. 50 ppm
7.	Sulfur Compounds as SO <sub>4</sub>	Max. 40 ppm
8.	Heavy Metals as Pb	Max. 5 ppm
9.	Sodium as Na	Max. 200 ppm
10.	Iron as Fe	Max. 5 ppm
11.	Calcium as Ca	Max. 50 ppm
12.	Magnesium as Mg	Max. 20 ppm
13.	Assay %	Min. 99.0 %

**REVISION HISTORY:**

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

**UNCONTROLLED COPY****Format No.** QC/017/F/01-00**Certified By (Sign/Date) :**  12/08/2021