

**MASTER COPY**



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

**Quality Control**

**Standard Test Specifications**

**Title: Calcium Acetate Food Grade**

**Page No.:** 1 of 3

**Specification No.:**  
ACPL/FP/SP/018

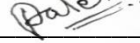
**Revision No.:**  
00

**Effective Date**  
07/07/2021

**Review Date**  
06/07/2024

**Change Control No.**


NA

Prepared By: 

Date: 03/07/2021

Name : Pankaj Patel

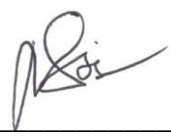
(QC Officer / Designee)

Reviewed By: 

Date: 05/07/2021

Name : Nilesh Shah

(Unit Head / Designee)

Approved By: 

Date: 06/07/2021

Name : Naresh Solanki

(QA/QC In Charge / Designee)

**UNCONTROLLED COPY**

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

Certified By (Sign/Date) :  07/07/2021

**MASTER COPY**



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

**Quality Control**

**Standard Test Specifications**

**Title: Calcium Acetate Food Grade**

**Page No.: 2 of 3**

Specification No.:	Revision No.:	Effective Date	Review Date
ACPL/FP/SP/018	00	07/07/2021	06/07/2024
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 RETEST DATE :** One year

**5.0 CAS No:** 62-54-4

**6.0 MOLECULAR FORMULA:** Ca(CH<sub>3</sub>COO)<sub>2</sub>

**7.0 MOLECULAR WEIGHT:** 158.20gm/mol.

**8.0 CATEGORY:** Excipients

**9.0 STORAGE:** In 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 100gm.

**UNCONTROLLED COPY**

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

Certified By (Sign/Date) :  07/07/2021

**MASTER COPY**

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

**Quality Control****Standard Test Specifications****Title: Calcium Acetate Food Grade****Page No.:** 3 of 3**Specification No.:**  
ACPL/FP/SP/018**Revision No.:**  
00**Effective Date**  
07/07/2021**Review Date**  
06/07/2024**Change Control No.**

NA

**TEST PARAMETERS AND SPECIFICATIONS  
REF: FOOD GRADE**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	Colorless or white crystals or crystalline powder
2.	Solubility	Very soluble in water, slightly soluble in alcohol
3.	<b>Identification</b> Gives reactions calcium and Acetates	To Pass test
4.	pH	6.3 to 9.6 (50mg/ml)
5.	Sulphate as SO <sub>4</sub>	Max. 1000 ppm
6.	Chloride as Cl	Max. 500 ppm
7.	Fluoride	Max. 50 ppm
8.	Heavy Metal	Max. 10 ppm
9.	Water	Max. 7.0%
10.	Assay (On Dry Basis)	98.0% and 102.0%

**REVISION HISTORY:**

Revision No.	Effective Date	Revision Description	Change Control No.
00	07/07/2021	First Issuance	N A

**UNCONTROLLED COPY****Format No.** QC/017/F/01-00**Certified By (Sign/Date) :**  07/07/2021