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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: Calcium Chloride Anhydrous Food Grade**

**Page No.:** 1 of 3

**Specification No.:**  
ACPL/FP/SP/019

**Revision No.:**  
00

**Effective Date**  
10/07/2021

**Review Date**  
09/07/2024


**Change Control No.**

NA

Prepared By: 

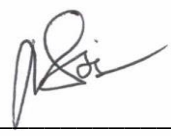
Date: 07/07/2021

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Reviewed By: 

Date: 08/07/2021

Name : Nilesh Shah  
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Date: 09/07/2021

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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 :** Three year

**5.0 CAS No:** 10043-52-4

**6.0 MOLECULAR FORMULA:** CaCl<sub>2</sub>.

**7.0 MOLECULAR WEIGHT:** 110.98gm/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.

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

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	White Lumps OR Powder, Hygroscopic
2.	Solubility	Freely soluble in water
3.	Identification Test for Calcium and Chloride	To Pass test
4.	Lead	Max. 5 ppm
5.	Acid Insoluble Matter	Max. 200 ppm
6.	Fluoride	Max. 40 ppm
7.	Arsenic	Max. 3 ppm
8.	Magnesium and Alkali salts	Max. 5.0%
9.	Assay (On Dry Basis)	Min. 93.0% to Max. 100.5%

**REVISION HISTORY:**

Revision No.	Effective Date	Revision Description	Change Control No.
00	10/07/2021	First Issuance	N A

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