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

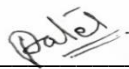
**Quality Control**

**Standard Test Specifications**


**Title: Calcium Hydroxide Food Grade**

**Page No.:** 1 of 3

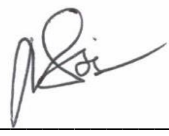
| Specification No.: | Revision No.: | Effective Date | Review Date |
|--------------------|---------------|----------------|-------------|
| ACPL/FP/SP/002     | 00            | 14/07/2021     | 13/07/2024  |
| Change Control No. | NA            |                |             |

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Date: 12/07/2021

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Date: 13/07/2021

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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 EXPIRY :**

Five years from the Date of Manufacturing.

**5.0 CAS No:** 1305-62-0**6.0 MOLECULAR FORMULA:** Ca(OH)<sub>2</sub>**7.0 MOLECULAR WEIGHT:** 74.1 gm/mol.**8.0 CATEGORY:** Excipient.**9.0 STORAGE:** Preserve in well-closed containers.**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.**TEST PARAMETERS AND SPECIFICATIONS****UNCONTROLLED COPY****Format No.** QC/017/F/01-00**Certified By (Sign/Date) :**  14/07/2021

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**REF: FOOD GRADE**

| Sr. No. | TEST PARAMETER                        | SPECIFICATION                  |
|---------|---------------------------------------|--------------------------------|
| 1.      | Description                           | White or almost white Powder   |
| 2.      | Solubility                            | Practically insoluble in water |
| 3.      | Identification                        | Pass Test                      |
| 4.      | Matter Insoluble in Hydrochloric Acid | Max. 0.5%                      |
| 5.      | Carbonate as CaCO <sub>3</sub>        | Max. 5.0%                      |
| 6.      | Fluoride                              | Max. 50 ppm                    |
| 7.      | Arsenic                               | Max. 5 ppm                     |
| 8.      | Magnesium and alkali salts            | Max. 4.8%                      |
| 9.      | Heavy Metals                          | Max. 20 ppm                    |
| 10.     | Assay of Ca(OH) <sub>2</sub>          | Min. 95.0% and Max. 100.50%    |

**REVISION HISTORY:**

| Revision No. | Effective Date | Revision Description | Change Control No. |
|--------------|----------------|----------------------|--------------------|
| 00           | 14/07/2021     | First Issuance       | N A                |

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