

MASTER COPY



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

Quality Control

Standard Test Specifications

Title: Calcium Carbonate Food Grade

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/001

Revision No.:
00

Effective Date
08/07/2021

Review Date
07/07/2024

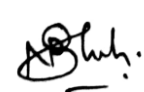
Change Control No.

NA

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Date: 06/07/2021

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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 :Two year**5.0 CAS No:** 471-34-1**6.0 MOLECULAR FORMULA:**CaCO₃**7.0 MOLECULAR WEIGHT:** 100.09 gm/mol.**8.0 CATEGORY:** Excipients.**9.0 STORAGE:** Preserve in well-closed containers.**10.0SAFETY PRECAUTIONS TO BE TAKENWHILE 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):**

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

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	White or almost white powder
2.	Solubility	Practically insoluble in water and in ethanol (95 %)
3.	Identification Gives reactions A and B of calcium salts, Gives reactions A of Carbonates	To Pass test
4.	Arsenic	Max. 4 ppm
5.	Heavy Metal	Max. 20 ppm
6.	Iron	Max. 200 ppm
7.	Chloride	Max. 250 ppm
8.	Sulphate	Max. 0.3%
9.	Loss on Drying at 200°C	NMT 2.0%
10.	Assay (On Dry Basis)	Min. 98.0 % and Max. 100.5% of CaCO ₃

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	08/07/2021	First Issuance	N A

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