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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 EP

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/002

Revision No.:
00

Effective Date
14/07/2021

Review Date
13/07/2024

Change Control No.


NA

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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)₂

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.

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TEST PARAMETERS AND SPECIFICATIONS**REF: EP**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Appearance	White or almost white, fine powder
2.	Solubility	Practically insoluble in water
3.	Identification A The solution becomes colorless Identification B Give reaction (b) of Calcium	To Pass test To Pass test
4.	Matter insoluble in hydrochloric acid	Max. 0.5 %
5.	Carbonates	Max. 5.0 % of CaCO ₃
6.	Chloride	Max. 330 ppm
7.	Sulfate (SO ₄)	Max. 0.4 %
8.	Arsenic (As)	Max 4 ppm
9.	Magnesium and Alkali metals as sulfates.	Max.4.0 %
10.	Assay %	95.0% - 100.5%

REVISION HISTORY:

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

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