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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: Sodium Bicarbonate BP

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/008

Revision No.:
00

Effective Date
28/06/2021

Review Date
27/06/2024

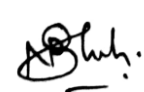
Change Control No.

NA

Prepared By: 


Date: 24/06/2021

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Reviewed By: 

Date: 25/06/2021

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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: 144-55-8**6.0 MOLECULAR FORMULA: NaHCO₃.****7.0 MOLECULAR WEIGHT: 84.0gm/mol.****8.0 CATEGORY: Antacid; use in treatment of electrolyte deficiency.****9.0 STORAGE: Store Protected from moisture.****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) :**

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TEST PARAMETERS AND SPECIFICATIONS**REF: BP**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Appearance	White or almost white crystalline powder
2.	Solubility	Soluble in water, Practically insoluble in ethanol (96%)
3.	Identification A Identification B Give reaction of Carbonates and Bicarbonate Identification C Give reaction of Sodium salts	To pass test To pass test To pass test
4.	Appearance of Solution (5% Soln.)	Solution is clear & colorless
5.	Carbonate (pH of 5% Soln.)	NMT 8.60
6.	Chlorides (Cl)	Max. 150 ppm
7.	Sulfates (SO ₄)	Max. 150 ppm
8.	Ammonium (NH ₄)	Max. 20 ppm
9.	Arsenic (As)	Max. 2 ppm
10.	Calcium (Ca)	Max. 100 ppm
11.	Iron (Fe)	Max. 20 ppm
12.	Assay %	99.0 % to 101.0 %

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	28/06/2021	First Issuance	N A

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