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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 Bi Carbonate Food Grade**

**Page No.: 1 of 3**

**Specification No.:**  
ACPL/FP/SP/008

**Revision No.:**  
00

**Effective Date**  
24/06/2021

**Review Date**  
23/06/2024

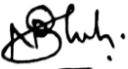
**Change Control No.**

NA

Prepared By: 

Date: 21/06/2021

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Reviewed By: 

Date: 22/06/2021

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Date: 23/06/2021

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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

**1.0 RETEST DATE:** Three years

**2.0 CAS No:** 144-55-8

**3.0 MOLECULAR FORMULA:** NaHCO<sub>3</sub>.

**4.0 MOLECULAR WEIGHT:** 84.0gm/mol.

**5.0 CATEGORY:** Antacid; use in treatment of electrolyte deficiency.

**6.0 STORAGE:** Store Protected from moisture.

**7.0 SAFETY PRECAUTIONS TO BE TAKEN WHILE SAMPLING AND HANDLING :**

Use hand gloves, goggles and apron during Handling.

**8.0 CONTROL SAMPLE:** 3 X 100gm.

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

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	White or almost white crystalline powder
2.	Solubility	Soluble in water
3.	pH (5.0 % Aqueous solution)	NMT 8.6
4.	Chlorides (Cl)	Max. 200 ppm
5.	Sulfates (SO <sub>4</sub> )	Max. 150 ppm
6.	Arsenic (As)	Max. 2 ppm
7.	Heavy Metal	Max. 20 ppm
8.	Iron (Fe)	Max. 5 ppm
9.	Assay %	Min. 99.0 %

**REVISION HISTORY:**

Revision No.	Effective Date	Revision Description	Change Control No.
00	24/06/2021	First Issuance	N A

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