

MASTER COPY



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

Quality Control

Standard Test Specifications

Title: Sodium Bi Carbonate ACS

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/008

Revision No.:
00

Effective Date
24/06/2021

Review Date
23/06/2024

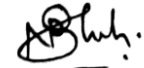
Change Control No.

NA

Prepared By: 


Date: 21/06/2021

Name : Pankaj Patel
(QC Officer / Designee)

Reviewed By: 

Date: 22/06/2021

Name : Nilesh Shah
(Unit Head / Designee)

Approved By: 

Date: 23/06/2021

Name : Naresh Solanki
(QA/QC In Charge / Designee)

UNCONTROLLED COPY

Format No. QC/017/F/01-00

Certified By (Sign/Date) :  24/06/2021

MASTER COPY



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

Quality Control

Standard Test Specifications

Title: Sodium Bi Carbonate ACS

Page No.: 2 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

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: Three years

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) :

24/06/2021

MASTER COPY

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

Quality Control**Standard Test Specifications****Title: Sodium Bi Carbonate ACS****Page No.:** 3 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

TEST PARAMETERS AND SPECIFICATIONS**REF: ACS**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	White or almost white crystalline powder
2.	Solubility	Soluble in water
3.	Water Insoluble Matter	Max. 0.015%
4.	Chloride as Cl	Max. 30 ppm
5.	Sulfur compounds as SO ₄	Max. 30 ppm
6.	Iron as Fe	Max. 10 ppm
7.	Phosphate	Max. 10 ppm
8.	Ammonium	Max. 50 ppm
9.	Calcium	Max. 200 ppm
10.	Magnesium	Max. 50 ppm
11.	Potassium	Max. 50 ppm
12.	Heavy Metal	Max. 5 ppm
13.	Assay	99.7 % to 100.3%

REVISION HISTORY:

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

UNCONTROLLED COPY**Format No.** QC/017/F/01-00**Certified By (Sign/Date) :**

24/06/2021