

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 AR

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: 

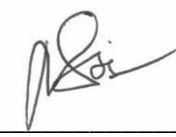
Date: 21/06/2021

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 AR

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 year

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 AR****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: AR**

| 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 8.40 |
| 4. | Chlorides (Cl) | Max. 25 ppm |
| 5. | Sulfates (SO ₄) | Max. 30 ppm |
| 6. | Arsenic (As) | Max.0.4 ppm |
| 7. | Heavy Metal | Max. 5 ppm |
| 8. | Iron (Fe) | Max.5 ppm |
| 9. | Phosphate | Max. 5 ppm |
| 10. | Silicate | Max. 50 ppm |
| 11. | Total Nitrogen | Max. 10 ppm |
| 12. | Calcium | Max. 50 ppm |
| 13. | Copper | Max. 5 ppm |
| 14. | Magnesium | Max. 50 ppm |
| 15. | Substance Reducing Iodine | Max. 65 ppm |
| 16. | Potassium | Max. 50 ppm |
| 17. | Assay % | Min. 99.8 % |

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