

MASTER COPY



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

Quality Control

Standard Test Specifications

Title: Sodium Carbonate Anhydrous AR

Page No.: 1 of 4

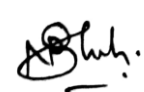
Specification No.:	Revision No.:	Effective Date	Review Date
ACPL/FP/SP/009	00	26/08/2021	25/08/2024
Change Control No.	NA		

Prepared By : 

Date: 23/08/2021

Name : Pankaj Patel


(QC Officer / Designee)

Reviewed By : 

Date: 24/08/2021

Name : Nilesh Shah

(Unit Head / Designee)

Approved By : 

Date: 25/08/2021

Name : Naresh Solanki

(QA/QC In Charge / Designee)

UNCONTROLLED COPY

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

Certified By (Sign/Date) :  26/08/2021

MASTER COPY



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

Quality Control

Standard Test Specifications

Title: Sodium Carbonate Anhydrous AR

Page No.: 2 of 4

Specification No.:	Revision No.:	Effective Date	Review Date
ACPL/FP/SP/009	00	26/08/2021	25/08/2024
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: One years

5.0 CAS No: 497-19-8

6.0 MOLECULAR FORMULA: Na₂CO₃.

7.0 MOLECULAR WEIGHT: 106.0gm/mol.

8.0 CATEGORY: Excipients.

9.0 STORAGE: In an airtight container.

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) :  26/08/2021

MASTER COPY

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

Quality Control**Standard Test Specifications****Title: Sodium Carbonate Anhydrous AR****Page No.: 3 of 4****Specification No.:**

ACPL/FP/SP/009

Revision No.:

00

Effective Date

26/08/2021

Review Date

25/08/2024

Change Control No.

NA

TEST PARAMETERS AND SPECIFICATIONS**REF: AR**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	White Crystalline Powder or Granular Powder, Hygroscopic
2.	Solubility	Soluble in water
3.	Loss on drying (at 130°C)	Max. 1.0%
4.	Water Insoluble Matter	Max. 100 ppm
5.	Nitrate	Max. 20 ppm
6.	Chloride	Max. 50 ppm
7.	Phosphate	Max. 10 ppm
8.	Silicate	Max. 25 ppm
9.	Sulphate	Max.25 ppm
10.	Ammonium	Max. 1 ppm
11.	Aluminum	Max. 10 ppm
12.	Arsenic	Max. 0.2 ppm
13.	Copper	Max. 100 ppm
14.	Calcium	Max. 5 ppm
15.	Iron	Max. 5 ppm
16.	Lead	Max. 5 ppm

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

26/08/2021

MASTER COPY

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

Quality Control**Standard Test Specifications****Title: Sodium Carbonate Anhydrous AR****Page No.:** 4 of 4

Specification No.: ACPL/FP/SP/009	Revision No.: 00	Effective Date 26/08/2021	Review Date 25/08/2024
Change Control No.	NA		

17.	Magnesium	Max. 20 ppm
18.	Potassium	Max. 100 ppm
19.	Substance reducing iodine	Max. 50 ppm
20.	Assay	Min. 99.95%

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	26/08/2021	First Issuance	N A

UNCONTROLLED COPY**Format No.** QC/017/F/01-00**Certified By (Sign/Date) :**  26/08/2021