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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 Carbonate Anhydrous ACS

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/009

Revision No.:
00

Effective Date
27/08/2021

Review Date
26/08/2024

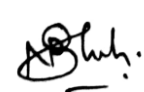
Change Control No.

NA

Prepared By: 


Date: 24/08/2021

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Reviewed By: 

Date: 25/08/2021

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Date: 26/08/2021

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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 RETEST DATE: One years

5.0 CAS No: 497-19-8

6.0 MOLECULAR FORMULA: Na₂CO₃.

7.0 MOLECULAR WEIGHT: 105.99gm/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.

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TEST PARAMETERS AND SPECIFICATIONS**REF: ACS**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	White Crystalline Powder or Granular Powder, Hygroscopic.
2.	Solubility	Soluble in water
3.	Insoluble Matter	Max. 100 ppm
4.	Loss on heating at 285°C	Max. 1.0%
5.	Chloride	Max. 10 ppm
6.	Phosphate	Max. 10 ppm
7.	Silica	Max. 50 ppm
8.	Sulfur Compounds	Max. 30 ppm
9.	Heavy Metals	Max. 5 ppm
10.	Iron	Max. 5 ppm
11.	Calcium	Max. 300 ppm
12.	Magnesium	Max. 50 ppm
13.	Potassium	Max. 50 ppm
14.	Assay	Min. 99.5%

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	27/08/2021	First Issuance	N A

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