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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 BP


Page No.: 1 of 3

Specification No.:	Revision No.:	Effective Date	Review Date
ACPL/FP/SP/009	00	27/08/2021	26/08/2024
Change Control No.	NA		

Prepared By: 

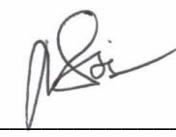
Date: 24/08/2021

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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 EXPIRY :

Five years from the Date of Manufacturing.

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) :**  27/08/2021

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TEST PARAMETERS AND SPECIFICATIONS**REF: BP**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Appearance	White or almost white, slightly granular powder, hygroscopic.
2.	Solubility	Freely soluble in water, practically insoluble in ethanol (96 per cent).
3.	Identification A The solution is strongly alkaline Identification B Give reaction of Carbonates Identification C test A gives reaction (a) of sodium Identification D Loss on drying (see Tests).	To pass test To pass test To pass test To pass test
4.	Appearance of Solution (20% Soln.)	The solution is clear and not more intensely colored than reference solution Y ₆ .
5.	Alkali hydroxides and bicarbonates	The solution remains clear
6.	Chlorides (Cl)	Max. 125 ppm
7.	Sulfates (SO ₄)	Max. 250 ppm
8.	Arsenic (As)	Max. 5 ppm
9.	Iron (Fe)	Max. 50 ppm
10.	Loss on drying	Max. 1.0 %
11.	Assay %(Dried Basis)	99.5 % to 100.5 %

REVISION HISTORY:

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

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