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

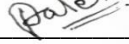
Quality Control

Standard Test Specifications

Title: Sodium Carbonate Anhydrous EP

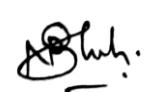
Page No.: 1 of 3

Specification No.:	Revision No.:	Effective Date	Review Date
ACPL/FP/SP/009	00	28/08/2021	27/08/2024
Change Control No.	NA		

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Quality Control**Standard Test Specifications****Title: Sodium Carbonate Anhydrous EP****Page No.: 2 of 3**

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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) :**  28/08/2021

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

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TEST PARAMETERS AND SPECIFICATIONS**REF: EP**

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	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	28/08/2021	First Issuance	N A

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