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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 Benzoate EP

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/042

Revision No.:
00

Effective Date
26/08/2021

Review Date
25/08/2024

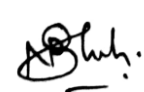
Change Control No.

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)

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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: 532-32-1**6.0 MOLECULAR FORMULA:** C₆H₅COONa.**7.0 MOLECULAR WEIGHT:** 144.1 gm/mol.**8.0 CATEGORY:** Excipient**9.0 STORAGE:** Preserve in well-closed containers.**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 100 gm.**UNCONTROLLED COPY****Format No.** QC/017/F/01-00**Certified By (Sign/Date) :**

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TEST PARAMETERS AND SPECIFICATIONS**REF: EP**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Appearance	White or almost white, crystalline or granular powder or flakes, slightly hygroscopic.
2.	Solubility	Freely soluble in water, sparingly soluble in ethanol (90 %).
3.	Identification A It gives reactions (b) and (c) of benzoates Identification B It gives reaction (a) of sodium	To Pass test To Pass test
4.	Appearance of Solution	Solution S is clear and not more intensely colored than reference solution Y6.
5.	Acidity or alkalinity	Not more than 0.2 mL of 0.1 M sodium hydroxide or 0.1 M hydrochloric acid is required to change the colour of the indicator.
6.	Halogenated compounds	Max. 200 ppm for ionized chlorine and Max. 300 ppm for total chlorine
7.	Loss On Drying	Max. 2.0 %
8.	Assay(Dried basis)	99.0 % – 100.5 %

REVISION HISTORY:

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

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