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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 JP

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/042

Revision No.:
00

Effective Date
26/08/2021

Review Date
25/08/2024

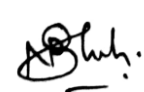
Change Control No.

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: JP**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Appearance	White, granules, crystals or crystalline powder. It is odorless, and has a sweet and saline taste
2.	Solubility	It is freely soluble in water, slightly soluble in ethanol (95), and practically insoluble in diethyl ether.
3.	Identification Responds to the Qualitative Tests for benzoate and the Qualitative Tests (1) and (2) for sodium salt.	To Pass test
4.	Clarity and color of solution	The solution is clear and colorless
5.	Acidity or alkalinity	A red color develops.
6.	Sulfate	Max. 1200 ppm
7.	Heavy metals	Max. 20 ppm
8.	Arsenic	Max. 2 ppm
9.	Chlorinated compounds	To Pass test
10.	Phthalic acid	The solution is not more intense than that of the following control solution.
11.	Loss on drying	Max. 1.5 %
12.	Assay (Dried basis)	Min. 99.0 %

REVISION HISTORY:

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

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