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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 USP			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: 

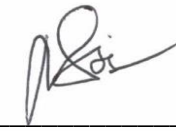
Date: 23/08/2021

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Reviewed By: 

Date: 24/08/2021

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Date: 25/08/2021

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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: 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: USP**

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.
3.	Identification A Spectroscopic Identification Tests(Infrared Spectroscopy) Identification B Test for Sodium Identification C The retention time of the major peak of the Sample solution corresponds to that of the Standard solution, as obtained in the Assay.	To Pass test To Pass test To Pass test
4.	Assay(Dried basis)	99.0 % – 101.0 %
5.	Water Determination	Max. 1.5 %
6.	Alkalinity	The pink color produced, if any, is discharged by the addition of 0.20 mL of 0.10 N sulfuric acid.

REVISION HISTORY:

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

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