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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: Benzoic acid USP

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/061

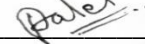
Revision No.:
00

Effective Date
06/07/2021

Review Date
05/07/2024

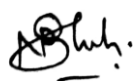
Change Control No.

NA

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Date: 02/07/2021

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Date: 03/07/2021

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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: 65-85-0**6.0 MOLECULAR FORMULA:** C₇H₆O₂**7.0 MOLECULAR WEIGHT:** 122.12 gm/mol.**8.0 CATEGORY:** Antimicrobial preservative.**9.0 STORAGE:** In a non-metallic, 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 100 gm.**UNCONTROLLED COPY****Format No.** QC/017/F/01-00**Certified By (Sign/Date) :**  06/07/2021

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TEST PARAMETERS AND SPECIFICATIONS**REF: USP**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Appearance	White or almost white, crystalline powder or colorless crystals.
2.	Identification A Analysis 1 Analysis 2	To Pass test To Pass test
3.	Assay (Dried basis)	99.5 % to 100.5 %
4.	Residue On Ignition	Max. 0.05 %
5.	Congealing Temperature	121 °C to 123 °C
6.	Water Determination	Max. 0.7 %
7.	Readily Carbonizable Substances Test	The solution has no more color than Matching Fluid Q.
8.	Readily Oxidizable Substances	NMT 0.50 mL of 0.10 N potassium permanganate is consumed.

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	06/07/2021	First Issuance	N A

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