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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 EP			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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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: $C_7H_6O_2$

7.0 MOLECULAR WEIGHT: 122.1 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.

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TEST PARAMETERS AND SPECIFICATIONS

REF: EP

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Appearance	White or almost white, crystalline powder or colorless crystals.
2.	Solubility	Slightly soluble in water, soluble in boiling water, freely soluble in ethanol (96 %) and in fatty oils.
3.	Identification A Melting point (121 °C to 124 °C) Identification B Solution S gives the reactions of f benzoates	To pass test To pass test
4.	Appearance of Solution	Solution is clear & colorless
5.	Carbonisable Substances	To Pass test
6.	Oxidisable Substances	To Pass test
7.	Halogenated compounds and halides	Max. 300 ppm
8.	Sulfated ash	Max. 0.1 %
9.	Assay (Dried basis)	99.0 % to 100.5 %

REVISION HISTORY:

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

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