

Specifications

Product	:	Benzoic acid
CAS No.	:	65-85-0
Molecular formula	:	C ₇ H ₆ O ₂
Molecular weight	:	122.12
Product Code	:	MC0004

TESTS	SPECIFICATIONS
Description	Colourless light crystals, scales or needles
Assay	99.5-100.5%
Appearance of solution	A 5% w/v solution in ethanol is clear and colorless
Arsenic	NMT 2 ppm
Heavy metals	NMT 0.0004%
Readily oxidisable substances	NMT 0.5ml of 0.1M potassium permanganate is required.
Readily carbonisable substances	The color of the solution is not more intensely colored than reference solution Y5
Cinnamic acid	No odor or benzaldehyde is developed
Sulphated ash	NMT 0.01%
Water	NMT 0.7%
Freezing point	121-123°C
Residue after ignition	NMT 0.005%
Insoluble in methanol	NMT 0.005%
Sulfur compounds	NMT 0.002%
Substances reducing permanganate	0.01%
Halogenated compounds and halides	absorbance of solution A is NMT that of solution C 300 ppm
Melting point	122° to 123°C
Substances insoluble in ammonia solution	NMT 0.01%
Chloride	NMT 0.0005%
Iron	NMT 0.0002%
Density(gm/cc)	1.32

(NMT= Not more than, NLT=Not less than)

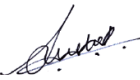

Indenta Chemicals (India) Pvt. Ltd.

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Unit 1: Plot No. 1405, GIDC Sarigam, Dist. Valsad, Gujarat – 396155

Unit 2: Building No. 73, Gala No. 7, Indian Corporation Compound, Village Gundavli, Mankoli Naka, Bhiwandi, Thane - 421302



INFORMATION	PREPARED BY	APPROVED BY
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Designation	Q.C Executive	Director Technical
Date	Jan 2019	-
Revision	0	-
Review Date	-	-
Signature		

Disclaimer: The products sold hereunder and any other products sold by Indenta Chemicals (India) Pvt. Ltd. have been subjected to limited testing and it does not release the user from the responsibility of undertaking their own test.

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