

Specifications

Product	:	Lactic acid
CAS No.	:	50-21-5
Molecular formula	:	C ₃ H ₆ O ₃
Molecular weight	:	90.08
Product Code	:	MC0033

TESTS	SPECIFICATIONS
Description	A colourless or slightly yellow,viscous liquid,hygroscopic.
Assay	88.0-92.0%
Appearance of solution	The substance under examination is not more intensely colored than reference solution Y6
Arsenic	Absent
Heavy metals	NMT 5 ppm
Citric, oxalic and phosphoric acid	Any opalescence in the solution is not more intense than that in a mixture of 5ml of the test solution and 1ml of water.
Ether-insoluble substances	The solution is not more opalescent than the solvent used for test
Volatile fatty acids	No unpleasant odor resembling that of the lower fatty acids is recognizable immediately after opening the flask.
Methanol and methyl esters	After 2 hours any color in the solution is not more intense than that of 1 ml of reference solution.
Reducing sugars	No red or greenish precipitate is produced.
sulphated ash	NMT 0.01%
Substances darkened by sulfuric acid	To Pass test
Chloride	0.001%
sulphate	0.005%
Iron	NMT 0.0002%
Residue after ignition	NMT 0.02%
Calcium	NMT 200 ppm
Readily carbonizable substances	No dark color develops at the interface of the two acids within 15min.
Optical rotation	-0.05° to0.05°
Wt. per ml	1.2 to 1.205
Lead	NMT 0.0004%

Indenta Chemicals (India) Pvt. Ltd.

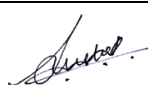

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Unit 1: Plot No. 1405, GIDC Sarigam, Dist. Valsad, Gujarat – 396155

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



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

INFORMATION	PREPARED BY	APPROVED BY
Name	Mr. Suchit Mukherjee	Mr. Thomas Varghese
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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