

Specifications

Product	:	Citric acid monohydrate
CAS No.	:	5949-29-1
Molecular formula	:	C ₈ H ₈ O ₇ .H ₂ O
Molecular weight	:	210.14
Product Code	:	MC0018

TESTS	SPECIFICATIONS
Color and appearance	Colorless crystals or a white, crystalline powder, slightly efflorescent in warm, dry air.
Assay	NLT 99.7%
Appearance of solution	The solution is clear
Arsenic	Absent
Barium	Any opalescence produced is not more intensely colored than that of a mixture of 5 ml of solution A and 5 ml of distilled water
Calcium	NMT 0.0025%
Heavy metals	NMT 10 ppm
Iron	NMT 0.0001%
Chloride	NMT 0.0005%
Sulphate	NMT 0.002%
Oxalic acid	350 ppm
Readily carbonisable substances	Any color produced is not more intense than that of a mixture of 1.0ml of CCS and 9.0ml of FCS.
Sulphated ash	NMT 0.01%
Water	NMT 7.5-9.0%
Insoluble matter	NMT 0.003%
Residue after ignition	NMT 0.02%
Oxalate	NMT 0.005%
Phosphate	NMT 0.0005%
Sulfur compounds	NMT 0.002%
Lead	NMT 0.0001%
Clarity and color of solution	Not more intensely colored than reference solution Y7,BY7,GY7
Aluminium	Absent
Calrity of solution	The sample shows the same clarity as that of water or its

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



	opalescence is not more pronounced than standard suspension A.
Color of solution	The sample solution is not more intensely colored than water.
copper	NMT 0.00005%
nickel	NMT 0.0001%

(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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