

Specifications

Product	:	Glycerol
CAS No.	:	56-81-5
Molecular formula	:	C ₃ H ₈ O ₃
Molecular weight	:	92.09
Product Code	:	MC0028

TESTS	SPECIFICATIONS
Color and appearance	Odorless, colorless, viscous in liquid
Assay	≥99.5%
Appearance of solution	Solution A is clear and dilute to 10ml of solution A to 25ml with water and solution is colorless.
Acidity or alkalinity	NMT 0.2ml of 0.1M NaOH is required to change the color of the solution to pink
Heavy metals	Absent
Iron	Absent
Chlorides	NMT 0.0001%
Sulphates	NMT 0.0005%
Aldehydes and reducing substances	Any color produced is not more intense than that obtained in a standard.
Ester	NLT 8.0ml of 0.1M HCl is required to decolorize the solution
Sugars	0.004%
Sulphated ash	NMT 0.005%
water	NMT 0.50%
Color	10
Residue after ignition	NMT 0.005%
Neutrality	passes test
Acrolein and glucose	passes test
Fatty acid ester	NMT 0.05%
substances darkened by sulfuric acid	passes test
Refractive index	1.470-1.475
Halogenated compounds	Any opalescence produced is not more intense than that obtained in a standard prepared at the same time.
pH	6.0 to 7.0
Solubility	Miscible with water and with absolute industrial methylated spirit

Indenta Chemicals (India) Pvt. Ltd.

Office: 117 The Summit Business Bay, Near WEH Metro Station, Opp. Cinemax Theatre, Off. Andheri Kurla Road, Andheri (E), Mumbai 400 093.
 Phone : +91-22-2684 9600 | Fax : +91-22-2684 9060 | Email: indenta@indenta.com | Website : www.indenta.com



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



	forming clear and colorless solutions.
Specific gravity	1.257 to 1.261
Ammonium	NMT 0.0005%
Arsenic	NMT 0.00004%
Esters of volatile fatty acids	NMT 0.025%
Fatty acid	To pass test
Organic impurities	To pass test
Reducing substances	No reaction

(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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