

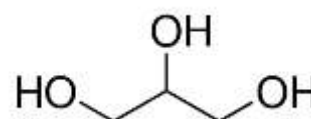


Product Specification

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GLYCERINE MEETS TO USP TESTING SPECIFICATIONS

PRODUCT CODE	U18315
SYNONYMS	Glycerol
C.I. NO.	N/A
CASR NO.	56-81 -5
ATOMIC OR MOLECULAR FORMULA	$C_3H_8O_3$
ATOMIC OR MOLECULAR WEIGHT	92.09
PROPERTIES	Hygroscopic, Combustible.
PARAMETER	LIMIT
Description	A clear viscous liquid, not more than 10 Hazen units in colour.
Solubility	Miscible with water & with industrial methylated spirit forming clear and colourless solution.
Identification	-
Identification 'A'	Meets the requirements
Identification 'B'	Diethylene glycol and Ethylene glycol - NMT 0.10% each for diethylene glycol and ethylene glycol
Identification 'C'	Passes test
Minimum assay (By GC)	99.0% - 101.0%
Wt. per ml at 20°C	1.257 - 1.261 g



MAXIMUM LIMIT OF IMPURITIES

Water	5.0%
Colour	Passes test
Chlorides	10 ppm
Sulphates	20 ppm
Residue on ignition	0.01%
Organic impurities	-
Related Substances	I) Individual impurities NMT 0.1% II) Total impurities NMT 1.0%
Chlorinated compounds	30 ppm of Cl
Fatty acids and esters	1 mL of 0.5N sodium hydroxide is consumed

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements: Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: -----

Disposal:-----

Hazard Pictogram(s) :-----

IMDG Code : --

UN No. : --

IATA : --