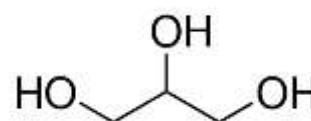


GLYCERINE MEETS TO IP TESTING SPECIFICATIONS

PRODUCT CODE	P18305
SYNONYMS	Glycerol
C.I. NO.	N/A
CASR NO.	56-81 -5
ATOMIC OR MOLECULAR FORMULA	C ₃ H ₈ O 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	Test C may be omitted if test A and B are carried out. Test A and B may be omitted if test C is carried out
Identification 'A'	The spectrum of sample should be concordant with spectrum of standard
Minimum assay (By GC)	98.0 – 101.0%
Reaction	pH 6.0 - 7.0
Wt. per ml at 20°C	1.258 - 1.268
Refractive Index (n) _D ²⁰	1.470 - 1.475
MAXIMUM LIMIT OF IMPURITIES	
Water	2.0%
Sulphated ash	0.01%
Acidity or alkalinity	The solution should be colourless and not more than 0.2 ml of 0.1 M sodium hydroxide should required to produce a pink colour
Chlorides	10 ppm
Aldehydes	10 ppm
Ester	Not less than 8.0 ml of 0.1 M hydrochloric acid should be required to decolourise the solution
Halogenated compounds	35 ppm
Ethylene glycol, diethylene glycol and related	-
Ethylene Glycol	0.1%
Diethylene glycol (GC)	0.1%
Any other secondary impurity	0.1%
Sum of all impurities	1.0%
Sugars	The solution should remain blue and no precipitate should be produced
Note(s) : Assay (if applicable) method mentioned.	





Product Specification

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WARNING		IMDG Code : -- UN No. : -- IATA : --
Hazard statements: Not hazardous. No hazards.		
Precautionary statements		
Prevention: -----		
Response: -----		
Disposal: -----		
Hazard Pictogram(s) : -----		