

ISO 9001:2008 Co.

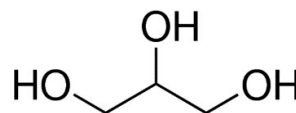


Rehsiff Scientific®

Manufacture & Importer of
Laboratory Fine Chemicals, Diagnostic Kit & Lab wares

GLYCERINE AR

PRODUCT CODE	R01222
SYNONYMS	Glycerol
C.I. NO.	N/A
CASR NO.	56-81 -5
ATOMIC OR MOLECULARFORMULA	C₃H₈O₃
ATOMIC OR MOLECULARWEIGHT	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 (By FTIR)	Passes test.
Minimum assay(By GC)	99.5%
Reaction	pH 6.0 - 7.0
Wt.per ml at 20°C	1.257 - 1.261 g
Refractive Index(n) 20	1.471-1.473
MAXIMUM LIMIT OF IMPURITIES	
Sulphated ash	0.005%
Chloride (Cl)	0.0001%
Sulphate (SO ₄)	0.0005%
Arsenic (As)	0.0001%
Iron (Fe)	0.00005%
Lead (Pb)	0.00005%
Heavy metals (Pb)	0.0005%
Esters of fatty acids (glycerol tributryrate)	Passes test.
Sugar (glucose)	Passes test.
Acidity or alkalinity	Passes test.
Aldehydes	Passes test.
Related substances	Passes test.
Halogenated compounds (as Cl)	0.003%
Water	2.0%
Organic volatile impurities	Meets the requirement.
Ethylene Glycol & relatedsubstance (GC)	Passes test.
Note(s) :Assay (if applicable) method mentioned.	



: Regd Office, 201,MM Nagar, Ahmedabad (Gujarat)

Email: rehsiffscientific@gmail.com, www.rehsiffscientific.com





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WARNING Hazard statements: Not hazardous. No hazards. Precautionary statements Prevention: ----- Response: ----- Disposal: -----	 GHS05	 GHS07	IMDG Code : -- UN No. : -- IATA : --
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replace Date 1 April 2023

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