

# REFINED GLYCERINE 99,6% MIN



## General Information

Origin	Brazil
HS Code	29054500
Cas No.	56-81-5
Appearance	Clear Colorless Liquid

## Application

Food Industry	It is serve as a solvent. It can be used as food preservatives and sugar substitute.
Pharmaceuticals Industry	It is used to improve smoothness and lubricity and maintain moisture. It is widely used in cough syrup and mouthwashes.
Intermediate Chemicals	It is used in the production of other chemicals such as nitroglycerine for explosives and propellants.

## Specification

Physicochemicals Analysis	Specification
Identification A - Infrared	Check
Identification B – Ethylene and Diethylene	Ethylene glycol max 0.1% Diethylene glycol max 0.1%
Identification C - CG	Check
Chloride	Max. 10 ppm
Sulfate	Max. 20 ppm
Residue on Ignition	Max. 0,01% m/m
Glycerol Assay	Min. 99,6%
Organic Impurities – Cromatography-related Compounds (GC)	Max Individual Impurities 0,1% Max Total Impurities 1,0%
Aldehydes	Max. 10 ppm
Halogenated Compounds	Max. 35 ppm
Water Content	Max. 0,2%
Appearance and Solubility	Liquid in syrup, unctuous to the touch, colorless or almost colorless, clear, very hygroscopic. Miscible with water and ethanol (96%), slightly soluble in acetone, practically insoluble in fatty oils and essential oils
Refractive Index	1,4700 – 1,4750
Relative Density	1,2580 – 1,2680 g/cm <sup>3</sup>
Acidity or Alkalinity	Max. 0,2 mL NaOH 0,1M
Color	Max 10 APHA
Odor	Absent

## Packaging

23,5 MT/FCL 20ft in Flexi Tank