

# REFINED GLYCERINE USP 99,7%



## 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

Test Description	Test Method	Specification
Aspect at 25°C	USP 40 / EP 7th	Clean and impurities free
Glycerol Content	USP 40 / EP 7th	99.7 to 101.0% w/w
Identification A - Infrared	USP 40 / EP 7th	Confers
Identification B – Ethylene and Diethylene Glycol	USP 40 / EP 7th	Diethylene Glycol Max 0.1% w/w Ethylene Max 0.1% w/w
Impurities and related substances	USP 40 / EP 7th	Other impurities Max 0.1% w/w Total impurities Max 1.0% w/w
Identification C - CG	USP 40 / EP 7th	Confers
Acidity	USP 40 / EP 7th	Max 0.2 ml NaOH 0.1 N
Refractive Index	USP 40 / EP 7th	1.470 a 1.475
Aldehydes	USP 40 / EP 7th	Max 10 ppm
Fatty Acid and Esters	USP 40 / EP 7th	Max 1.0 ml NaOH 0.5 N
Halogenated Compounds	USP 40 / EP 7th	Max 30 ppm
Chlorides	USP 40 / EP 7th	Max 10 ppm
Heavy Metals	USP 40 / EP 7th	Max 5 ppm
Water Content	USP 40 / EP 7th	Max 0.50% w/w
Residue on Ignition	USP 40 / EP 7th	Max 0.01% w/w
Sulfates	USP 40 / EP 7th	Max 20 ppm
Color	USP 40 / EP 7th	Confers
Color	ASTD D1209	Max 10 (APHA)
Specific Gravity at 25C	USP 40 / EP 7th	Min 1.255

## Packaging

20 MT/FCL 20ft in Flexi Bag

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