

## TECHNICAL SPECIFICATION

### Refined Glycerine USP Grade

CAS No. 56-81-5

Parameter	Method	Specification
Gly. Content (%)	USP 36 : 2012	99.7 min
Moisture Content (%)	USP 36 : 2012 (921)	0.3 max
Specific Gravity (at 25°C)	USP 36 : 2012 (841)	1.2612 min
Identification (A) - IR	USP 36 : 2012 (197F)	Pass
Identification B Diethylene Glycol (%) Ethylene Glycol (%)	USP 36 : 2012	0.10 max 0.10 max
Identification C – confirmation of Glycerin by GC	USP 36 : 2012	Pass
Inorganic Impurities : Chloride Content (ppm) Sulfate Content (ppm) Heavy metal as Pb (ppm) Residue on Ignition (%)	USP 36 : 2012 (221) USP 35 : 2012 (221) USP 35 : 2012 (231) USP 35 : 2012 (281)	10 max 20 max 5 max 0.01 max
Organic Impurities : Individual Impurities (%) Total Impurities (%) Chlorinated Compound (ppm)	USP 36 : 2012 USP 36 : 2012 USP 36 : 2012	0.10 max 1.0 max 30 max
Color (ml FeCl <sub>3</sub> )	USP 36 : 2012	0.4 max
Fatty Acid and Ester (ml of NaOH 0.5N/50g)	USP 36 : 2012	1 max
Color (APHA)	AOCS Ea 9-65	10 max
Product form		Liquid
Packaging		PE,DR,ISO,FB
<p>Note :</p> <p>PE : 250 Kg net PE drum    DR : 250 Kg net steel drum    ISO : 20 MT isotank    FB : 20 MT flexibag</p>		