



**Life Chemicals Group**  
**For Import & Export**  
**L.C.G**

**Industrial Chemicals**  
**Solvents - Plasticizers**  
**Glycols - Hydrocarbons**  
**Ketones & other Chemicals**

## Refined Glycerine

Analysis	Test Method	Specification	Unit	Results
Aspect at 25°C	VISUAL	Syrupy and oil liquid, colorless, clear and free of impurities (LLI)	-	Confers
Glycerol content (dry basis)	EP7th Ed./USP 38	99,5 a 101,0 %	% m/m	99,7
Identification A - Infra-red	EP7th Ed./USP 38	Confers	-	Confers
Identification B – Infra-red Ethylene and diethylene	USP 38	Diethylene glycol Max. 0,1 Ethylene glycol Max. 0,1	% m/m	< 0,1 < 0,1
Impurities and related substances	EP7th Ed./USP 38	Other impurities Max. 0,1 Total impurities Max. 1,0	% m/m	< 0,1 < 1,0
Identification C - CG	USP 38	Confers	-	Confers
Acidity or alkalinity	EP7th Ed.	Máx. 0,2mL NaoH 0,1M	mL	0,10
Refractive index	EP7th Ed.	1,470 a 1,475	-	1,474
Aldehydes	EP7th Ed.	Máx. 10 ppm	ppm	< 10
Esters	EP7th Ed./USP 38	Máx. 1,0mL NaOH 0,5N	mL	0,63
Chlorinated compounds	EP7th Ed./USP 38	Máx. 30 ppm	ppm	< 30
Chlorides	EP7th Ed./USP 38	Máx. 10 ppm	ppm	< 10
Heavy metals	EP7th Ed./USP 38	Máx. 5 ppm	ppm	< 5
Water content	EP7th Ed./USP 38	Máx. 0,50%	% m/m	0,20
Residue ignition	EP7th Ed./USP 38	Máx. 0,01%	% m/m	< 0,01
Sulphates	USP 38	Máx. 20 ppm	ppm	< 20
Color	USP 38	Confers	-	Confers
Color	ASTM D1209	Máx. 10	(APHA)	8
Relative density at 25°C	USP 38	Mín. 1,255	-	1,262

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