

TECHNICAL DATA SHEET

REFINED GLYCERINE

TEST	UNITS	METHODS	SPECIFICATION
<i>Aspect at 25°C</i>	-	Visual	Syrupy and oily liquid, colorless, clear and free of impurities (LII)
<i>Glycerol content (dry basis)</i>	% m/m	EP 7th Ed. / USP 38	99.5 to 101.0
<i>Identification A – Infra-red</i>	-	EP 7th Ed. / USP 38	Confers
<i>Identification B – Ethylene and diethylene</i>	% m/m	USP 37	- Diethylene glycol Max. 0.1 - Ethylene glycol Max. 0.1
<i>Impurities and related Substances</i>	% m/m	EP 7th Ed. / USP 38	- Other impurities Max. 0.1 - Total impurities Max. 1.0
<i>Identification C- CG</i>	-	USP 37	Confers
<i>Acidity or alkalinity</i>	mL	EP 7th Ed. / USP 38	Max. 0.2 mL NaOH 0.1M
<i>Refractive index</i>	-	EP 7th Ed.	1.470 to 1.475
<i>Aldehydes</i>	ppm	EP 7th Ed.	Max. 10
<i>Esters</i>	mL	EP 7th Ed. / USP 38	Max. 1.0 mL NaOH 0.5N
<i>Halogenated compounds</i>	ppm	EP 7th Ed. / USP 38	Max. 30
<i>Chlorides</i>	ppm	EP 7th Ed. / USP 38	Max. 10
<i>Heavy metals</i>	ppm	EP 7th Ed. / USP 38	Max. 5
<i>Water content</i>	% m/m	EP 7th Ed. / USP 38	Max. 0.50
<i>Residue on ignition</i>	% m/m	EP 7th Ed. / USP 38	Max. 0.01
<i>Sulphates</i>	ppm	USP 38	Max. 20
<i>Color</i>	-	USP 38	Confers
<i>Color</i>	(APHA)	ASTM D1209	Max. 10
<i>Relative Density at 25°C</i>	-	USP 38	Min.1.255