



TECHNICAL DATA SHEET (TDS)

Product: Glycerin
Grade: Food Grade
Origin: Turkey

Description: Clear, colorless, odorless liquid – 100% vegetable-based, Non-GMO, Palm-free, Halal & OU Kosher Certified.

Parameter	Unit	Specification
Appearance	-	Clear, Colorless
Odor	-	Characteristic
Color	APHA	Max. 10
Specific Gravity (25°C)	g/cm ³	Min. 1.2570
Glycerine Content	%	Min. 99.7
Sulphate Content (as SO ₄)	ppm	Max. 10
Sulphated Ash	%	Max. 0.01
Total Impurities	%	Max. 1
Water Content	%	Max. 0.5
Residue on Ignition	%	Max. 0.005
Chlorides	ppm	Max. 2



Arsenic	ppm	Max. 0.1
Cadmium	ppm	Max. 0.1
Lead	ppm	Max. 0.1
Mercury	ppm	Max. 0.1
Diethylene Glycol	%	Max. 0.1
Ethylene Glycol	%	Max. 0.1
Impurity A (Diethylene Glycol)	%	Max. 0.1
Impurities (RT < Glycerol)	%	Max. 0.1
Impurities (RT > Glycerol)	%	Max. 0.5
Individual Impurities	%	Max. 0.1
Fatty Acids & Esters	%	Max. 0.02
Halogenated Compounds	ppm	Max. 35
Aldehydes (as CH ₂ O)	ppm	Max. 10
Esters	ml 0.1M HCl	Min. 8
Sugar	-	Solution Clear & Blue
Butanetriols	%	Max. 0.2



Refractive Index (ND20)	-	1.471 – 1.474
3-MCPD	ppm	Max. 0.1
Acrolein	ppm	Max. 3
Glycose, Ammonia Compounds	-	Pass

Packaging

250 kg Drums / 1000 kg IBC / Bulk

