

Technical Data Sheet

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Item Name:

GLYCERIN (USP)

PRODUCT INFORMATION

Chinese Name:	甘油
Commodity Name:	GLYCERIN
Chemical Name:	Propane-1,2,3-Triol
Other Name:	Glycerin, Glycerol
CAS No.:	56-81-5
Molecular Weight:	92.09
Molecular Formula:	C ₃ H ₈ O ₃

TECHNICAL SPECIFICATION

Index	USP 41
Appearance	Transparent viscous liquid
Purity by wt %	99.7 min
Specific gravity @ 25 °C	1.2613 min
Identification A (IR)	Infrared spectrum
Identification B(Limit of Diethylene glycol and ethylene glycol) by wt %	DEG 0.1 max, EG 0.1 max
Identification C (GC)	Pass as Glycerine
Chlorides by ppm	10 max
Sulphates by ppm	20 max
Residue on ignition by wt %	0.01 max
Organic impurities & related compound (individual impurities) by wt %	0.1 max
Organic impurities & related compound (Total impurities) by wt %	1.0 max
Chlorinated compound, as Cl by ppm	30 max
Fatty acid & esters by mL 0.5N NaOH/50g	1 max
Color APHA	10 max
Refractive Index	1.470 - 1.475
Water by wt %	0.3 max

PACKING, LOADING AND SHELF LIFE

Packing: 250kg/drum

Loading: Palletized, 20mt/20'fcl

Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

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