

Product Name**Glycerol****Grade: Laboratory**

Synonyms	Propane-1,2,3-triol, Glycerin, Propanetriol, 1,2,3-Propanetriol
CAS Number	56-81-5

General Information

Chemical formula:	C ₃ H ₈ O ₃	Molar Mass:	92.10 g/mol
Appearance:	Colorless liquid	Density:	1.26 g/cm ³ (20 °C)
Solub. in water:	Soluble (20 °C)	Melting point:	-98 °C
Boiling point:	290 °C (decomposition)	Flash point:	~ 199 °C
Storage temp.:	Below +30 °C	Cautions:	Highly flammable, Toxic
R:	11-23/24/25-39/23/24/25	S:	7-16-36/37-45
HS-No.:	2905 11 00	EC-Index-No.:	603-001-00-X

Hazard Symbol**Specification**

Assay (on the anhydrous basis)		99.0 - 101.0	%
Identification (IR)		Conforms	
Chloride	≤	10	ppm
Sulfate(SO ₄)	≤	20	ppm
Heavy metals	≤	5	ppm
Residue on ignition	≤	0.01	%
Limit of chlorinated compounds	≤	30	ppm
Total impurity	≤	1	%
Water	≤	5	%
Specific gravity @ 25 °C	≥	1.249	
Fatty acids and esters	≤	1	ml

Ordering Information

Volume:	1 L	2.5 L	5 L	10 L	20 L
Plastic	227.05.01000.02	227.05.02500.02	227.05.05000.02	227.05.10000.02	227.05.20000.02
Glass	227.05.01000.01	227.05.02500.01	–	–	–