

CERTIFICATE OF ANALYSIS

Product Name	Propylene Glycol, HPLC		
Synonyms	1,2-Propanediol		
CAS No	57-55-6		
Product code	SY00347	Batch No	LPRBF0916
Molecular Formula	C ₃ H ₈ O ₂	Molecular Weight	76.10
Mfg. Date	Sep-26	Expiry Date	Aug-31
Storage Conditions	Store at room temperature, tightly closed container		

Test	Specification	Results
Appearance	Colorless to clear viscous liquid	Colorless to clear viscous liquid
Purity by GC	NLT 99%	99.70%
Boiling Point	186-188°C	188 °C
Specific Gravity (@ 25 °C)	1.035-1.040 g/mL	1.04 g/mL
Solubility	Soluble in Benzene, Ether	Complies
Colour (APHA)	NMT 10	6
Water by KF	NMT 0.2%	0.05%
Acidity (CH₃COOH)	NMT 0.003%	0.0008%
Chloride (Cl)	NMT 0.0001%	Complies

Approved by
Dr. Gopinath PH. D

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