

ecoworkers®

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Product Specification

Effective date: 2025.08.24

Propylene Glycol USP grade

Synonyms: Propane-1,2-diol; 1,2-dihydroxypropane
CAS number: 57-55-6
EC number: 200-338-0
Molecular Formula: $C_3H_8O_2$
Molecular Weight: 76.09 g/mol

Propylene Glycol USP grade produced by our company meets the following requirements:

Test Items	Unit	Specification
Identification	--	passed
Appearance	--	Colorless clear viscous liquid
Assay	%	99.80 min
EG	ppm	50 max
DEG	ppm	50 max
Residue on Ignition	mg	2.5 max
Chloride	Weight %	0.007 max
Sulfate	Weight %	0.006 max
Heavy metals	ppm	5 max
Specific Gravity (25°C/25°C)	--	1.035-1.037
Acidity (0.1N NaOH)	mL	0.05 max
Moisture	Weight %	0.10 max
Fe	ppm	0.1 max
Colouring (Pt-Co)	Hazen	10 max
IBP	°C	184 min
DP	°C	189 max

Packing: Packed in drum, IBC, flexi bag or according to the client's requirement.

Storage: Keep containers tightly closed in a cool, well-ventilated place.

Shelf life: 24 months