

Propylene Glycol USP

Propylene glycol (USP/tech grade)

PRODUCT CODE	CAS NO.	ISSUED
RS-PG USP	57-55-6	July 2026

§1 PRODUCT DESCRIPTION

A clear, colorless, practically odorless, slightly viscous, water-soluble and hygroscopic liquid with low vapor pressure.

§2 TYPICAL ANALYSIS

PROPERTY	SPECIFICATION	TYPICAL RESULT
Appearance	—	Pass test
MPG Content w/%	99.90 min	99.982
Moisture w/%	0.1% max	0.0050
Color (Pt-Co) Hazen	10 max	4
Specific Gravity(20 °C)/(g/cm ³)	1.035-1.037	1.036
Acidity (As CH ₃ COOH) w/%	0.01 max	0.008
Sulfate w/%	0.006 max	<0.006
Chloride w/%	0.007 max	<0.007
Refractive Index	1.431-1.433	1.432
Distillation range (L) Degrees C	185-189	Pass test
Distillation range (U) Degrees C	185-189	Pass test
Residue on Ignition mg	2.5 max	0.8
Arsenic salt(As) ppm	2 max	<2
Heavy Metals(Pb) ppm	5 max	<5

Lot-specific CoA ships with every order.

PACKAGING

Standard industrial packaging; drum, IBC, or bulk options quoted per order.

DOCUMENTATION

Full SDS available on request. Lot-specific CoA ships with every order.

Values shown are typical of recent production and do not constitute a sales specification; the lot-specific Certificate of Analysis governs for any shipment. Product is supplied for industrial use only.

Typical batch values, provided in good faith. Contact solutions@rawsource.com for batch-specific data.