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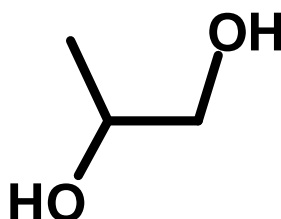
Product Specifications

1,2-Propanediol (USP, EP)

CAS 57-55-6

Syn: 1,2-Propylene Glycol

Structure:



Mol. Formula

C₃H₈O₂

Mol. Wt.

76.1

Test

Specification

IR, NMR	Conforms to Standard
Appearance	Clear, colorless liquid
Bp	187 °C @ 760 mm
Assay (glpc; EP, USP)	≥ 99.5%
Water Content (K-F)	≤ 0.2%
Heavy metals	< 5 ppm
d_{20 °C}	1.035 – 1.040
RI, η_D^{20 °C}	1.432 ± 0.001
Sulfated Ash	≤ 0.01%
Total Impurities	
Acidic impurities	Complies
VOCs	Complies
Oxidizing substances	Complies
Reducing matter	Complies
Residual solvents	Complies
Free acid (as CH ₃ CO ₂ H)	≤0.003%
Free alkali (as NaOH)	≤0.002%

Storage: Keep properly closed and protected against humidity and heat.

Wilshire Technologies

TEL: +1- 609-683-1117