



# Laszlo Corporation

## SPECIFICATIONS

Propylene Glycol (Odorless grade for pharmacy and food uses)

**Product Name:** Propylene Glycol  
**C.A.S. No.:** [57-55-6]

**Molecular Weight:** 76.095

TESTS	Odorless Grade (for pharma and food uses)
Description/ Appearance	Colorless, viscous, clear hygroscopic liquid without odor
Identification	IR test
Assay (Purity)	99.7% min
Specific gravity	1.035 – 1.037 g/cm <sup>3</sup> at 25 °C
Index of refraction	1.431 – 1.433 n <sub>D</sub> <sup>20</sup>
Acidity	≤ 0.20 ml of 0.10 N NaOH
Water/Moisture	0.15% max
Residue on ignitic	4.0 mg max
Chloride	5 ppm max
Heavy metals(as Pb)	5 ppm max
<u>Sulphates</u> (as SO <sub>4</sub> <sup>2-</sup> )	10 ppm max
Oxidizing substances	Not required
Arsenic	5 ppm max
Reducing substances	Not required
Organic volatile impurities	a. Chloroform: 60 ppm b. 1,4-dioxane: 400 ppm c. Methylene chloride: 600 ppm d. Trichloroethylene: 100 ppm

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