

Laszlo Corporation

Propylene Glycol (usp grade)

Molecular Weight: 76.095

TESTS	SPECIFICATIONS
Description/ Appearance	Colorless, viscous, clear hygroscopic liquid without odor
Identification	IR test
Assay (Purity)	99.8% min
Specific gravity	1.035 – 1.037 g/cm ³ at 25 °C
Index of refraction	1.431 – 1.433 n _D ²⁰
Acidity	≤ 0.20 ml of 0.10 N NaOH
Water/Moisture	0.15% max
Residue on ignition	4.0 mg max
Chloride	5 ppm max
Heavy metals(as Pb)	5 ppm max
Sulfates (as SO ₄ ²⁻)	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
Acidity(acetic acid)	50ppm max