

Certificate of Analysis

Product Name: Propylene Glycol **Molecular Weight:** 76.10
Chemical Formula: C₃H₈O₂ **CAS Number:** 57-55-6
Product Description: Colorless, transparent liquid **Issued Date:** 2016-6-20

Pharma Grade

Items	Specifications:	Test Results	Unit
Color (APHA)	10	< 10	—
PG Content	99.5	99.86	%
Moisture	0.2	0.12	%
Specific gravity(25°C)	1.0350-1.0410	1.036	g/cm ³
Refractive index(25°C)	1.4307-1.4317	1.4310	—
Distillation rang(L) , °C	184.0-189.0	184.0	°C
Distillation rang(U) , °C	184.0-189.0	189.0	°C
Distillation volume, Vol	95	97.2	%
Identification	passed	passed	—
Acidity	0.2	0.12	ml
Chloride	0.007	< 0.007	%
Sulfate	0.006	< 0.006	%
Heavy metals	5	< 5	ppm
Residue on ignition	0.007	0.002	%
Organic Volatile impurity chloroform	60	Non-detected	ug /g
Organic Volatile impurity 1.4 dioxane	380	Non-detected	ug /g
Organic Volatile impurity methylene chloride	600	Non-detected	ug /g
Organic Volatile impurity trichloroethylene	80	Non-detected	ug /g

Packaging: 215 Kgs steel drum

Safety and Handling: See Material Safety Data Sheet.

Application: Its most important end use is in the production of unsaturated polyester resins that, in turn, go into items that effect our daily lives, like water tanks, or our leisure time, like sailing boat. It can also be used as plasticizer, surface active agent, emulsifying agent and demulsifying agent, mould inhibitor, antiseptic for fruit, ice inhibitor and moisture preserving agent for tobacco.

Technical Service: For technical assistance, contact us at: customerservings@gmail.com

Comments: For price & further information, please contact us at: brgcom@gmail.com