

## Certificate of Analysis

**Product Name:** Propylene Glycol      **Molecular Weight:** 76.10  
**Chemical Formula:** C<sub>3</sub>H<sub>8</sub>O<sub>2</sub>      **CAS Number:** 57-55-6  
**Product Description:** Colorless, transparent liquid      **Issued Date:** 2016-1-20

### Industrial Grade

Items	Specifications:	Test Results	Unit
Color (APHA)	10	< 10	—
PG Content	99.5	99.78	%
Moisture	0.2	0.12	%
Density 20°C	1.035-1.039	1.036	g/cm <sup>3</sup>
Free acid(CH <sub>3</sub> OOH)	75	18	ppm
Residue	80	20	ppm
Distillation rang >95%	184-190	184-189	°C
Index of refraction	1.433-1.435	1.433	—

**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: [peter@brgproduct.com](mailto:peter@brgproduct.com)

**Comments:** For price & further information, please contact us at: [peter@brgproduct.com](mailto:peter@brgproduct.com)