

### Certificate of Analysis

**Product: Propylene Glycol 99.5%**  
**Item Number: PGF**  
**Grade: USP/NF/FCC**  
**Lot Number: 5001135/1.1**  
**Manufacture Date: 01/22/2025**  
**Expiration Date: 01/21/2027**  
**Country of Origin: United States**

Tested Property	Specification	Analysis
Description	To Pass Test	Passes
Water Miscibility	To Pass Test	Passes
Specific Gravity @ 25°C	1.035 - 1.037	1.0355
Identification A, IR	To Pass Test	Passes
Identification B, Limit of DEG	Max 0.10%	<0.10
Identification B, Limit of EG	Max 0.10%	<0.10
Identification C, GC	To Pass Test	Passes
Acidity	Max 0.20 mL of 0.1N NaOH	0.01
Chloride	Max 70 ppm	Passes
Heavy Metals	Max 5 ppm	Passes
Residual Solvents	To Pass Test	Passes
Assay	Min 99.5%	99.9
Sulfate	Max 60 ppm	Passes
Residue on Ignition	Max 3.5 mg/50 gm	0.4
Water	Max 0.20%	0.01

#### [Propylene Glycol 99.5%](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are

Phone: 512-668-9918, Fax: 512-886-4008,  
 E-mail: [customercare@laballey.com](mailto:customercare@laballey.com),  
[www.laballey.com](http://www.laballey.com),

12501 Pauls Valley Road, Suite A, Austin, Texas 78737.

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