

Certificate of Analysis

Product: Propylene Glycol 99.5%
Item Number: PGF
Grade: USP/NF/FCC
Lot Number: 0003883314
Manufacture Date: 06/20/2022
Expiration Date: 06/19/2024
Country of Origin: United States

Tested Property	Specification	Analysis
Visual	Clear/Clean free of suspended particles	Pass
Odor	Odorless	Pass
Color	Colorless	Pass
Water Content	Max 0.2%	0.053
Specific Gravity @ 25Å,Å°C	1.035 - 1.037	1.0355
Refractive Index	1.4310 - 1.4330	1.4316
Identification A (IR)	Identified as Propylene Glycol	Pass
Identification B (Limit % Deg)	Max 0.1	Pass
Identification B (Limit % EG)	Max 0.1	Pass
Identification C	Retention is equal for sample standard	Pass
Visual	Clear/Clean free of suspended particles	Pass
Odor	Odorless	Pass
Color	Colorless	Pass
Water Content	Max 0.2%	0.053
Specific Gravity @ 25°C	1.035 - 1.037	1.0355
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Identification A (IR)	Identified as Propylene Glycol	Pass
Identification B (Limit % Deg)	Max 0.1	Pass
Identification B (Limit % EG)	Max 0.1	Pass
Identification C	Retention is equal for sample standard	Pass

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