

**PRODUCT SPECIFICATION SHEET**  
**Propylene Glycol 99.5% USP/NF/FCC/Food Grade, Kosher**  
**Product Specifications**

Test	Specification	Typical Results
Visual	Clear/Clean free of suspended particles	Pass
Odor	Odorless	Odorless
Color	Colorless	Pass
Water Content, %	Max 0.2	< 0.2
Specific Gravity @ 25 C	1.035-1.037	Pass
Refractive Index	1.4310 - 1.4330	Pass
Identification A, by IR	Identified as Propylene Glycol	Passes
Identification B, Limit % DEG	Max 0.1	<0.1
Identification B, Limit % EG	Max 0.1	<0.1
Identification C	Retention is equal for sample standard	Pass
Acidity as acetic acid, weight %	Max 0.002	<0.002
Chlorides, ppm	Max 0.5	<0.5
Color, Pt-Co, APHA	Max 10	<10
Heavy metals as Pb, weight ppm	Max 5	<5
Iron, weight ppm	Max 0.5	<0.5
Suspended Matter	To pass test	Pass
Residual Solvents	To pass test	Pass
Assay as PG, dry basis, %	Min 99.90	99.95
Diethylene glycol, wt%	Max 0.008	<0.001
Ethylene glycol, wt%	Max 0.008	<0.001

Appropriate/legal use of this product is the responsibility of the user.

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