



Propylene Glycol USP/EP/JP/FCC
(Excipient/Food Use)
Sales Specification

<u>Specification</u>	<u>Limit</u>	<u>Unit</u>	<u>Method</u>
Assay	99.5	%	ADM PL4
Identification A	Pass		USP
Identification B (Limit DEG/EG)	0.10 max. DEG & EG	%	USP
Identification C (GC)	Pass		USP
Water	0.2	%	USP
Color (Pt-Co)	10 Max		APHA
Chlorides	1.0 Max	ppm	ADM PL4
Sulfates	60 Max	ppm	ADM PL4
Acidity, as acetic acid	0.002 Max	%	FCC
Appearance, clear, free of suspended matter	Pass		EP
Iron	0.5 Max	ppm	ADM PL4
Odor	Essentially odorless		ADM PL4
Ethylene Glycol	0.05	%	ADM PL4
Heavy Metals	5 Max	ppm	USP
Lead	1 Max	ppm	FCC
Specific Gravity @ 25 °C	1.035-1.037		USP
Residue on Ignition	50 Max	ppm	JP
Distillation Range	185 - 189	°C	FCC
Bio-based Content	100	%	ASTM-6866

Additional Guarantees: Residual Solvents – Complies with USP/EP



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