



## PRODUCT SPECIFICATIONS SHEET

Product Name Propylene Glycol  
 Grade USP/FCC Grade  
 Catalog # 369USP/FCC

TEST	MONO-GRAPH	SPECIFICATION	TYPICAL RESULT
Identification A – Infrared Absorption	USP	Conforms to Reference Spectrum	Pass
Identification – Infrared Absorption	FCC	Conforms to Reference Spectrum	Pass
Identification B – Limit of DEG and EG	USP	Diethylene Glycol, NMT 0.1%	None Detected
Identification B – Limit of DEG and EG	USP	Ethylene Glycol, NMT 0.1%	None Detected
Identification C – GC	USP	Conforms to Reference Chromatogram	Pass
Assay (on anhydrous basis)	USP	NLT 99.5%	99.99 %
Assay (on anhydrous basis)	FCC	NLT 99.5%	99.99 %
Inorganic Impurities - Residue on Ignition	USP	NMT 3.5mg	LT 3.5 mg
Residue on Ignition	FCC	NMT 0.007%	LT 0.001%
Inorganic Impurities – Chloride and Sulfate	USP	NMT 70ppm as Chloride	LT 70 ppm
Inorganic Impurities – Chloride and Sulfate	USP	NMT 60ppm as Sulfate	LT 60 ppm
Specific Gravity	USP	1.035 – 1.037 @ 25°C	1.035
Specific Gravity	FCC	1.035 – 1.037 @ 25°C	1.035
Acidity	USP	NMT 0.20 mL 0.10N NaOH	0.05 ml
Acidity	FCC	To Pass Test	Pass
Water	USP	NMT 0.2%	0.03 %
Inorganic Impurities - Water	FCC	0.2% Max.	0.03 %
Inorganic Impurities - Lead	FCC	NMT 1 mg/kg	LT 1 mg/kg



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TEST	MONO-GRAPH	SPECIFICATION	TYPICAL RESULT
Distilling Range	FCC	Between 185°C – 189°C	Pass

This product is for further commercial manufacturing, laboratory, or research use. It is not intended for use as an active ingredient in drug manufacturing nor as a medical device or disinfectant. Appropriate/legal use of this product is the responsibility of the user.