



SILVER FERN CHEMICAL

Technical Specification

Product name: **Propylene Glycol, USP**

TEST DESCRIPTION	SPECIFICATION LIMITS		UNITS OF MEASURE	TEST METHOD
	MINIMUM	MAXIMUM		
Current Quality Grade	Conforming to Spec			
Vehicle Type	Report			
Vehicle ID	Report			
Miscellaneous Text	Report			
Lot Number	Report			
Inspection Lot	Report			
Manufacturing Date	Report			
Acidity as acetic acid		0.0020	weight %	HOC 0210
Appearance	Pass			HOC 0650
Assay as PG, on a dry basis	99.50		weight %	HOC 0540
Chlorides		0.5	ppm	HOC 0221
Color, Pt-Co		10	APHA Color	HOC 0641
Heavy Metals as Pb		5	weight ppm	HOC 0274
Iron		0.50	weight ppm	HOC 0290
Odor	Pass			HOC 0610
Suspended matter	Pass			HOC 0171
Water		0.200	weight %	HOC 0319
TYPICAL VALUES	Report			
Arsenic as As		1	weight ppm	HOC 0242
CONEG Metals	Pass			D3335
Distillation IBP @760 mmHg	186.0		degrees C	HOC 0154
Distillation DP @760 mmHg	189.0		degrees C	HOC 0154
IR Spectrum	Pass			HOC 0411
Organic Volatile Impurities	Pass			HOC 0350
Oxidiz Subst as ml thiosulfate		0.2	Milliliter	HOC 0204
Reducing Substances	Pass			HOC 0205
Refractive Index @ 20 C	1.4310	1.4340		HOC 0740
Residue on Ignition		0.0050	weight %	HOC 0140
Specific Gravity @ 20/20 °C	1.0377	1.0389		HOC 0132
Specific Gravity @ 25/25C	1.0352	1.0364		HOC 0132
Sulfate		0.006	weight %	HOC 0225
Solubility @25 deg. C.	Pass			HOC 0160

The information in this bulletin is believed to be accurate and current as of the date of publication. It is the sole responsibility of the customer to determine whether the product is appropriate and suitable for the customer's specific use. Silver Fern Chemical Company and its affiliates and subsidiaries make no warranties, express or implied, regarding the product or any information contained herein.

Information on this report is valid as of: 09/29/2005

2507 4th Avenue N • Seattle, WA 98109, USA
Phone. (206) 282-3376 • Fax: 206-2820105 • Email: info@silverfernchemical.com