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## MONO PROPYLENE GLYCOL USP (MPG)

### SALES SPECIFICATIONS:

<u>PROPERTY</u>	<u>TEST METHOD</u>	<u>UNIT</u>	<u>VALUE</u>
Specific Gravity @ 20/20 C	ASTM E-202; D-4052		1.0375 - 1.039
Distillation (@ 760 mmHg)	ASTM E-202; D-1078		
IBP		C	185 min
DP		C	190 max
Chloride	SMS 1677	ppm	1.0 max as Cl
Iron (Fe)	ASTM E-202	ppm	0.5 max
Water	ASTM E-202; E-203	% (m/m)	0.2 max
Residue on ignition	USPXXI	% (m/m)	0.005 max
Colour (Pt/Co)	ASTM E-202; D-1209		10 max
Suspended Matters	LPM 5037		None
Acidity (as acetic acid)	ASTM E-202, D-1613	% (m/m)	0.005 max
Assay as PG	GC Method	% (m/m)	99.5 min
Sulphate	USP	% (m/m)	0.006 max
Arsenic	USP	ppm	1.0 max
Heavy Metals as Pb	USP	ppm	5.0 max
Organic impurities- Benzene, Chloroform, MC, TCE and 1,4 dioxane	USP		Random Check passes

January 1, 2000