



Monoethylene Glycol (MEG) Analysis

Test Item	Unit	Result	Test Method
Appearance		Colorless	ASTM D- 4176, VISUAL
Color	Max	5	ASTM D- 1209
Purity	Wt. % min	99.8	SMS- 2886
DEG	Wt. % max	0.08	SMS- 2886
Water	Wt. % max	0.08	ASTM E- 203
Aldehydes (as Formaldehyde)	Wt. % max	8	SMS- 1996
Acidity (as Acetic Acid)	Wt. % max	10	ASTM D- 1613
Iron (as Fe)	Wt. % max	0.1	ASTM E- 394
Inorganic Chlorides (as Cl)	Wt. % max	0.05	SMS- 1677
Ash	Wt. % max	50	ASTM D- 482
Specific Gravity, 20/20 °C		1.1151- 1.1156	ASTM D- 4052
UV transmittance			
At 220 nm	% min	80	SMS- 1997
At 270 nm	% min	95	SMS- 1997
At 350 nm	% min	99	SMS- 1997
Boiling Range (0.1013 Mpa)			
5% vol.	°C min	196	ASTM D- 1078
95% vol.	°C max	199	ASTM D- 1078