

Certificate of Analysis Mono-Ethylene Glycol (MEG)

Name	Amount	Unit	Conditions	Standard
Acetaldehyde (ppm)	10	ppm	Maximum Value	
Acidity (ppm)	10	ppm	As Acetic Acid, Maximum Value	ASTM D1613
Ash	0.005	gr/100ml	Maximum Value	
Color	5	APHA	Pt – Co, Maximum Value	ASTM D1209
Decomposition Point (DP)	199	°C	Maximum Value, DISTILLATION at 760 MM-Hg	ASTM D1078
Diethylen Glycol (DEG) Content	0.08	WT.%	Maximum Value	ASTM E202
Initial Boiling Point (IBP)	196	°C	Minimum Value DISTILLATION at 760 MM-Hg	ASTM D1078
Iron (Fe)	0.01	WT.%	Maximum Value	ASTM E202
Purity	99.8	WT.%	Minimum Value	ASTM E202
Specific Gravity	1.1151 - 1.1156		C° 20/20	ASTM D891
Total Chloride	0.1	ppm	Minimum Value	
Water content	0.08	WT.%	Maximum Value	ASTM E203
Vol % Range 5-95	1	°C	Minimum Value DISTILLATION at 760 MM-Hg	ASTM D1078
UV Transmittance	70	%	At 220 nm, Minimum Value	
UV Transmittance	95	%	At 275 nm, Minimum Value	
UV Transmittance	99	%	At 350 nm, Minimum Value	

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