

Certificate Of Analysis

کوثر شیمی

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PRODUCT: Mono Ethylene Glycol(99.8% Polyester Fiber Grade)

	Property	Units		Value
1	Purity	wt%	ASTM E202	99.8 min
2	DEG	wt%	ASTM E202	0.08 max
3	Iron	ppm wt	ASTM E202	0.1 max
4	Water Content	wt%	ASTM E203	0.08 max
5	Acidity As Acetic Acid	ppm wt	ASTM D1613	10 max
6	Colour	Pt-Co	ASTM D1209	5 max
7	Sp.Gr. @ (20/20°C)	—	ASTM D891	1.1151-1.1156
8	Aldehyde As Acetaldehyde	ppm wt	DC 163C	10 max
9	ASH	gr/100ml	DC 254 A	0.005 max
	Distillation@760mm Hg			
10	IBP	°C	78 ASTM D10	196 min
11	DP	°C	ASTM D1678	199 max
12	5%-95% Vol	°C	ASTM D1078	1 max
13	Chlorides As Chlorine Ion	ppm wt	EO 635	0.1 max
14	UV Transmittance			
15	@ 220 nm	%T	EO 577A	70 min
16	@ 275 nm	%T	EO 577A	95 min
17	@ 350 nm	%T	EO 577A	99 min