

CERTIFICATE OF ANALYSIS

PRODUCT	MONO ETHYLENE GLYCOL (MEG)		
BATCH NUMBER	17701/00123717.1/L/25		Manufacture date: 02/25. Expire date: 02/28.
HS CODE	2905.31		

PARAMETER	UNITS	SPECIFICATION	RESULTS	TEST METHOD
Appearance		clear liquid	clear liquid	ASTM E 2680
Specific Gravity (20°C/ 20°C)	g/ml	1.113 – 1.116	1.1152	ASTM D4052
Purity (MEG)	wt.%	min. 99.5	99.97	GC (ASTM E2409)
Diethylene Glycol	wt.%	max. 0.3	0.01	GC (ASTM E2409)
Water	wt.%	max. 0.2	0.009	ASTM E1064 (KF)
Acidity (as acetic acid)	wt.%	max. 0.002	<0.0001	ASTM D1613
Boiling Range	°C	195 – 200	196.8 – 197.4	ASTM D1078
Colour	Pt-Co	max. 10	<5	ASTM D1209
Iron (Fe)	mg/kg	max. 0.2	0.021	ASTM E1615
Ash	mg/kg	max. 40	<10	ASTM D482
Chloride (Cl)	mg/kg	max. 0.5	0.02	ASTM E2469
pH, on 50% (v/v) aqueous solution		6.5 – 7.5	6.7	ASTM D1287
Refractive Index at 20°C nD20		1.430 – 1.433	1.4316	ASTM D1218

End of report.

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