



MODERN CHEMICAL CO.,LTD.

82/80 Soi Eakamai 22(nuan-noi) 63 Sukhumvit Rd, North Klong Ton, Wattana, Bangkok 10110

Tel: +66-(0) 2715-0897-9 Fax: +66 (0) 2392-3410-3 www.modernchemical.co.th

SPECIFICATION

PROPYLENE GLYCOL (MPG)

CAS NO: 57-55-6

No.	Analysis Item	Unit	Specification	
			Minimum	Maximum
1.	Purity	wt. %	99.5	-
2.	Distillation range	IBP DP	185	-
			-	189
3.	Color	Pt-Co	-	10
4.	Specific gravity (25/25 °C)	-	1.035	1.037
5.	Acidity as Acetic acid	wt. %	-	0.005
6.	Water content	wt. %	-	0.2
7.	Residue on ignition	ppm	-	70
8.	Chlorides as Cl	ppm	-	1
9.	Iron	ppm	-	0.5
10.	Sulfate	ppm	-	60
11.	Heavy metal	ppm	-	5
12.	Residual solvent	-	Pass	-
13.	Infrared spectrum	-	Pass	-
14.	Refractive index @ 20 °C	-	1.431	1.433
15.	Oxidizing substance	-	Pass	-
16.	Reducing substance	-	Pass	-
17.	Lead	ppm	-	1