



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

DENATURED ETHANOL 95

CAS NO: 64-17-5

No.	Analysis Item	Unit	Specification	
			Minimum	Maximum
1.	Purity	%v/v	95.1	96.9
2.	Appearance	-	Clear	-
3.	Solubility	-	Conforms to BP	
4.	Identification	-	Conforms to BP	
5.	Alkalinity	-	Conforms to BP	
6.	Acidity	ppm	-	30
7.	Relative density at 20°C	-	0.805	0.812
8.	Residue on evaporation	ppm	-	25
9.	Absorbance at 240 nm	-	-	0.40
10.	Absorbance between 250 and 260 nm	-	-	0.30
11.	Absorbance between 270 and 340 nm	-	-	0.10
12.	Acetaldehyde and Acetal	ppm	-	10
13.	Benzene	ppm	-	2
14.	Methanol	ppm	-	200
15.	Total of other impurities	ppm	-	300
16.	Tertiary Butyl Alcohol	%v/v	0.13	0.34
17.	Bitrex	ppm	8	30