REAGENTS
DUKSAN

Certificate of Analysis

Ethyl Alcohol 99.9%

[64-17-5] (C2H5OH) FW:46.07

Product code. 4 **GR Grade**

TESTS	UNIT	SPECIFICATION
Appearance	-	Clear, Colourless liquid, miscible with water, ether.
Identification	-	IR Spectrometry.
Assay (by GC)	%	Min 99.9
Density (at 20°C)	g/ml	0.789~0.791
Water	%	Max. 0.1
Residue after evaporation	%	Max. 0.001
Acidity (as CH3COOH)	%	Max. 0.002
Alkalinity (as NH3)	ppm	Max. 1
Aldehyde & Acetone (as CH3COCH3)	%	Max. 0.001
Methanol (CH3OH)	%	Max. 0.02
2-Propanol	%	Max. 0.01
1-Propanol	%	Max. 0.005
1-Butanol	%	Max. 0.005
Substances reducing Permanganate	-	To pass test
Substances darkened by sulfuric acid	-	To pass test

Test Method : JIS K 8101

Exp. Date : 5 years after Mfg. Date

DUKSAN PURE CHEMICALS CO. LTD

Ansan | 53, Sinwon-ro 133beon-gil, Danwon-gu, Ansan-si, Gyeonggi-do, Korea
JinCheon | 13-37, Sansusandan 1-ro, Deoksan-eup, Jincheon-gun, Chungcheongbuk-do, Korea
TEL : +82-31-495-6886 FAX : +82-31-495-5335
World Wide Web : WWW.DUKSAN.KR

Quality Assurance Director