

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Ethanol,AR , water 0.3%

ITEM NUMBER: E111989
BRAND: Aladdin
CAS NUMBER: 64-17-5
MDL NUMBER: MFCD00003568
FORMULA: C₂H₆O
MOLECULAR WEIGHT: 46.07

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Acidity(H ⁺)	0	0.04	0.04
Alkalinity(OH ⁻)	0	0.01	0.01
Appearance	Colorless liquid		
Assay	99.7 %	100 %	100 %
Carbonyl compounds(CO)	0 %	0.003 %	0.003 %
Density(20 ° C)	0.789 g/ml /	0.791 g/ml /	0.791 g/ml /
Evaporation residue	0 mg/L	0.001 mg/L	0.001 mg/L
isopropanol[(CH ₃) ₂ CHOH]	0 %	0.01 %	0.01 %
Methanol(CH ₃ OH)	0 %	0.05 %	0.05 %
Miscibility with water	pass		
Potassium permanganate reducing substances(O)	0 %	0.00025 %	0.00025 %
Readily carbonizable substances	pass		
Water by Karl Fischer	0 %	0.3 %	0.3 %