

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Ethanol (95%),ACS

ITEM NUMBER: A112721
 BRAND: Aladdin
 CAS NUMBER: 64-17-5
 MDL NUMBER: MFCD00003568
 FORMULA: C₂H₆O
 MOLECULAR WEIGHT: 46.07

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	Colorless Liquid		
Evaporation residue	0 %	0.001 %	0.001 %
Infrared spectrometry	Conforms to Structure		
Methanol Content	0 %	0.1 %	0.1 %
Purity(GC)(by volume, corrected for H ₂ O)	95 %	100 %	100 %
Substances darkened by sulfuric acid	Pass		
Substances reducing permanganate	Passes test		
Titration acid	0 mg/g OR meq/g 0.0005 mg/g OR		0.0005 mg/g OR meq/g /
Titration base	0 mg/g OR meq/g 0.0002 mg/g OR		0.0002 mg/g OR meq/g /
UV Absorbance 210nm	0	0.4	0.4
UV Absorbance 240nm	0	0.05	0.05
UV Absorbance 400nm	0	0.01	0.01
UV absorption : 220 nm	0	0.25	0.25
UV absorption : 230 nm	0	0.15	0.15
UV absorption : 270nm	0	0.01	0.01