

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Ethanol (95%),for spectroscopy

ITEM NUMBER: A112728
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		
Color	0	10	10
Evaporation residue	0 mg/L	0.001 mg/L	0.001 mg/L
Infrared spectrum	Conforms to Structure		
Methanol Content	0 %	0.1 %	0.1 %
Purity(GC)	95 %	100 %	100 %
Solubility in acetone	almost transparency		
solubility in water	pass		
Substances Darkened (by H ₂ SO ₄)	Pass		
Substances reducing MnO ₄	Pass		
Titrateable acid	0 mg	0.0005 mg	0.0005 mg
Titrateable base	0 mg	0.0002 mg	0.0002 mg
total impurities H ₂ SO ₄	passes test(darkened)		
UV absorption λ : 210 nm	0	0.4	0.4
UV absorption λ : 220 nm	0	0.25	0.25
UV absorption λ : 230 nm	0	0.15	0.15
UV absorption λ : 240 nm	0	0.05	0.05

No. 196 xinqiao Road, Pudong District, Shanghai 201206, China

TELEPHONE : 400 620 6333 FAX : +86-21 5032 3701

TECH EMAIL : tech@aladdin-e.com

UV absorption λ : 270nm	0	0.01	0.01
UV absorption λ : 400 nm	0	0.01	0.01
λ	H2O reference		