

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Ethanol,for spectroscopy, ≥ 99.8%

ITEM NUMBER: E111964
BRAND: Aladdin
CAS NUMBER: 64-17-5
MDL NUMBER: MFCD00003568
FORMULA: C₂H₆O
MOLECULAR WEIGHT: 46.07

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
fluorescence (quinine) at 365 nm	0 ppb	1 ppb	1 ppb
fluorescence (quinine)at 254 nm	0 ppb	1 ppb	1 ppb
free acid(CH ₃ COOH)	0 %	0.001 %	0.001 %
nonvolatile matter	0 %	0.001 %	0.001 %
Purity(GC)	99.8 %	100 %	100 %
UV absorption λ :210nm	0	1	1
UV absorption λ :225nm	0	0.26	0.26
UV absorption λ :240nm	0	0.1	0.1
UV absorption λ :254 nm	0	0.02	0.02
UV absorption λ :260nm	0	0.01	0.01
Water by Karl Fischer	0 %	0.2 %	0.2 %
λ	1 cm path, H ₂ O reference		