

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Acetonitrile,for spectroscopy,≥99.8%

ITEM NUMBER: A104444
BRAND: Aladdin
CAS NUMBER: 75-05-8
MDL NUMBER: MFCD00001878
FORMULA: C₂H₃N
MOLECULAR WEIGHT: 41.05

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
- as quinine at 254 nm	0 ppb	1 ppb	1 ppb
- as quinine at 365 nm	0 ppb	1 ppb	1 ppb
Acidity	0 mg/g OR meq/g 0.0005 mg/g OR		0.0005 mg/g OR meq/g /
Acidity/alkalinity	0 mg/g OR meq/g 0.0002 mg/g OR		0.0002 mg/g OR meq/g /
Assay	99.8 %	100 %	100 %
Colour	0	10	10
Evaporation residue	0 %	0.0005 %	0.0005 %
Refractive index n ₂₀ /D	1.343	1.346	1.346
Specific gravity (20/20)	0.781	0.785	0.785
UV absorption λ : 193 nm A	0	1	1
UV absorption λ : 210 nm A	0	0.3	0.3
UV absorption λ : 220 nm A	0	0.1	0.1
UV absorption λ : 235 nm A	0	0.02	0.02
UV absorption λ : 250 nm A	0	0.01	0.01
UV absorption λ : 400 nm A	0	0.01	0.01
Water(Karl Fischer)	0 %	0.01 %	0.01 %