No. 196 xinjinqiao Road, Pudong District, Shanghai 201206, China
TELEPHONE : 400 620 6333 FAX : +86-21 5032 3701
TECH EMAIL : tech@aladdin-e.com

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Acetonitrile,gradient grade, for HPLC, ≥99.9%

ITEM NUMBER:	A119010
BRAND:	Aladdin
CAS NUMBER:	75-05-8
MDL NUMBER:	MFCD00001878
FORMULA:	CH3CN
MOLECULAR WEIGHT:	41.05

TEST	SPECIFICATION MIN.	SPECIFICATION MAX.	TARGET VALUE
Alkalinity	0 mg/g OR meq/g	0.0002 mg/g OR	0.0002 mg/g OR meq/g /
Appearance	Colorless liquid		
Color	0	10	10
Gradient Elution210 nm	0 mAU	0 mAU	<=1 mAU
Gradient Elution254 nm	0 mAU	0 mAU	<=0.5 mAU
Non-volatile matter	0 mg/L	1 mg/L	1 mg/L
Purity(CH3CN)(GC)	0 %	0 %	>=99.9 %
Refractive index n20/D	1.343	1.346	1.346
Specific gravity (20/20)	0.781	0.785	0.785
Titrable acid	0 mg/g OR meq/g	0.0005 mg/g OR	0.0005 mg/g OR meq/g /
Transmission 200 nm	0 %	0 %	>=93 %
Transmission 210 nm	0 %	0 %	>=96 %
Transmission 220 nm	0 %	0 %	>=97 %
Transmission 240 nm	0 %	0 %	>=99 %
Transmission 260 nm	0 %	0 %	>=99 %

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Water by Karl Fischer	0 %	0.02 %	0.02 %