

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Acetonitrile,AR,>99%(GC)

ITEM NUMBER: A104443
BRAND: Aladdin
CAS NUMBER: 75-05-8
MDL NUMBER: MFCD00001878
FORMULA: C₂H₃N
MOLECULAR WEIGHT: 41.05

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Assay	99 %	100 %	100 %
boiling point	81 ° C	82 ° C	82 ° C
Evaporation residue	0 %	0.01 %	0.01 %
hydrocyanic acid(3)		Pass	
pH(1 : 2 , 25 ° C)	4	8	8
Potassium permanganate-reducing substances		Pass	
Refractive index n ₂₀ /D	1.343	1.346	1.346
solubility in water		pass	
Specific gravity (20/20)	0.781	0.785	0.785