

Shanghai Aladdin Biochemical Technology Co., LTD
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Certificate of Analysis

Date of Testing: 2026-05-22 13:18:12
Date of Next Testing: 2030-05-21 13:18:12
Product Name: **anhydrous Acetonitrile(ACN)**
CAS Number: 75-05-8
Specifications & Purity: $\geq 99.8\%$, $H_2O \leq 0.005\%$
Lot #: E2613167
SKU #: **A119013**
Version: **0**
Analysis #: **697753**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Titratable Alkalinity	0-0.2 (eq/kg)	0.02530 eq/kg
Non-volatile matter	0-2 (mg/L)	0.01250 mg/L
hydrocyanic acid	0-5 (ppm)	0.03250 ppm
Titration Acid	0-0.5 (eq/kg)	0.00150 eq/kg
Refractive index n ₂₀ /D	1.343-1.346	1.34380
Purity(GC)	99.8-100 (%)	99.94300 %
Water by Karl Fischer	0-50 (ppm)	40.00000 ppm
Density (20°C)	0.781-0.785	0.78320
Appearance (A119013)	Colorless liquid	Colorless liquid
Potassium permanganate reducing substances	Pass	Pass
Solubility in H ₂ O	Almost transparency	almost transparency

