

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2022-03-26 16:12:31
Date of Next Testing: 2026-02-23 16:12:31
Product Name: **Acetonitrile**
CAS Number: 75-05-8
Specifications & Purity: absolute, 99.8%, H₂O ≤ 0.001%
Lot #: C2223091
SKU #: **A119011**
Analysis: **078218**

Parameter	Limit Values	Result
Non-volatile matter	0-2 (mg/L)	0.00000 mg/L
Refractive index n ₂₀ /D	1.343-1.346	1.34380
Alkalinity	0-0.0002 (mg/g)	0.00010 mg/g
Purity(GC)	99.8-100 (%)	99.81700 %
Density (20°C)	0.781-0.785	0.78300
Titration Acid	0-0.0005 (mg/g)	0.00026 mg/g
Color Test	0-10	4.80000
Water by Karl Fischer	0-0.001 (%)	0.00100 %
Appearance (A119011)	Colorless liquid	Colorless liquid
hydrocyanic acid(3)	Pass	Pass
Potassium permanganate reducing substances	Pass	Pass
Solubility in H ₂ O	Almost transparency	almost transparency



John Su
QA & QC Manager