

Certificate of Analysis

Date of Testing: 2025-01-17 19:00:45

Date of Next Testing: 2029-01-16 19:00:45

Product Name: **Acetonitrile(ACN)**

CAS Number: 75-05-8

Specifications & Purity: Isochromatic grade, ≥99.9%

Lot #: A2509032

SKU #: **A491190**

Version **1**

Analysis #: **277018**

Parameter	Limit Values	Result
Purity(GC)	99.9-100 (%)	99.97 %
Evaporation Residue	≤ 4.0 (mg/L)	0.00 mg/L
Water by Karl Fischer	≤ 0.05 (%)	0.03 %
Acidity	≤ 0.008 (eq/kg)	0.00000 eq/kg
Alkalinity Content	≤ 0.0006(meq/g)	0.00000 eq/kg
UV absorbance 190nm	≤1 (AU)	0.54400 AU
UV absorbance 200nm	≤0.05 (AU)	0.04900 AU
UV absorbance 210nm	≤0.04 (AU)	0.02600 AU
UV absorbance 220nm	≤0.02 (AU)	0.01600 AU
UV absorbance 230nm	≤0.01 (AU)	0.01000 AU
UV absorbance 254nm	≤0.005 (AU)	0.00400 AU
UV absorbance 400nm	≤0.005 (AU)	0.00000 AU
Appearance(A491190)	Clear Colorless Liquid	Clear Colorless Liquid



John Su
QA & QC Manager