

## Certificate of Analysis

Date of Testing: 2022-10-26 10:11:40  
Date of Next Testing: 2026-10-25 10:11:40  
Product Name: **Acetonitrile**  
CAS Number: 75-05-8  
Specifications & Purity: Isochromatic grade,  $\geq 99.9\%$   
Lot #: J2222091  
SKU #: **A491190**  
Analysis: **143624**

Parameter	Limit Values	Result
Purity(GC)	99.9-100 (%)	99.94%
Evaporation Residue	$\leq 4.0$ (mg/L)	0.00 mg/L
Water by Karl Fischer	$\leq 0.05$ (%)	0.00 %
Acidity	$\leq 0.008$ (eq/kg)	0.00000 eq/kg
Alkalinity Content	$\leq 0.0006$ (meq/g)	0.00000 eq/kg
UV absorbance 190nm	$\leq 1$ (AU)	0.47900 AU
UV absorbance 200nm	$\leq 0.05$ (AU)	0.00000 AU
UV absorbance 210nm	$\leq 0.04$ (AU)	0.00000 AU
UV absorbance 220nm	$\leq 0.02$ (AU)	0.00000 AU
UV absorbance 230nm	$\leq 0.01$ (AU)	0.00000 AU
UV absorbance 254nm	$\leq 0.005$ (AU)	0.00000 AU
UV absorbance 400nm	$\leq 0.005$ (AU)	0.00000 AU
Appearance(A491190)	Clear Colorless Liquid	Clear Colorless Liquid



John Su  
QA & QC Manager