

## Certificate of Analysis

Date of Testing: 2022-06-16 15:41:10  
Date of Next Testing: 2026-06-15 15:41:10  
Product Name: **Acetonitrile**  
CAS Number: 75-05-8  
Specifications & Purity: for HPLC,  $\geq 99.9\%$   
Lot #: E2230120  
SKU #: **A104440**  
Analysis: **100565**

Parameter	Limit Values	Result
Water by Karl Fischer	$\leq 0.05$ (%)	0.02 %
Purity(GC)	99.9-100 (%)	99.91 %
Acidity	$\leq 0.0005$ (eq/kg)	0.00030 eq/kg
Alkalinity Content	$\leq 0.0002$ (eq/kg)	0.00000 eq/kg
Evaporation Residue	$\leq 4.0$ (mg/L)	2.00 mg/L
Transmission 200 nm	$\geq 90$ (%)	92.90 %
Transmission 240 nm	$\geq 98$ (%)	101.40 %
Transmission 195nm	$\geq 70$ (%)	81.30000 %
Appearance (A104440)	Clear Colorless Liquid	Clear Colorless Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager