

## Certificate of Analysis

Date of Testing: 2024-03-01 10:11:59

Date of Next Testing: 2028-02-29 10:11:59

Product Name: **Acetonitrile**

CAS Number: 75-05-8

Specifications & Purity: for HPLC,  $\geq 99.9\%$

Lot #: B2423346

SKU #: **A104440**

**Analysis:** **319447**

Parameter	Limit Values	Result
Water by Karl Fischer	$\leq 0.05(\%)$	0.03 %
Purity(GC)	99.9-100 (%)	99.94 %
Acidity	$\leq 0.0005$ (eq/kg)	0.00000 eq/kg
Alkalinity Content	$\leq 0.0002$ (eq/kg)	0.00000 eq/kg
Evaporation Residue	$\leq 4.0$ (mg/L)	0.00 mg/L
Transmission 200 nm	$\geq 90$ (%)	98.20 %
Transmission 240 nm	$\geq 98$ (%)	100.00 %
Transmission 195nm	$\geq 70$ (%)	85.40000 %
Appearance (A104440)	Clear Colorless Liquid	Clear Colorless Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager