

Certificate of Analysis

Date of Testing: 2023-05-19 14:04:14

Date of Next Testing: 2027-05-18 14:04:14

Product Name: **Acetonitrile**

CAS Number: 75-05-8

Specifications & Purity: for HPLC, ≥99.9%

Lot #: E2308355

SKU #: **A104440**

Analysis: 215626

Parameter	Limit Values	Result
Water by Karl Fischer	<=0.05(%)	0.01 %
Purity(GC)	99.9-100 (%)	99.93 %
Acidity	≤ 0.0005 (eq/kg)	0.00000 eq/kg
Alkalinity Content	≤ 0.0002(eq/kg)	0.00000 eq/kg
Evaporation Residue	≤ 4.0 (mg/L)	0.00 mg/L
Transmission 200 nm	≥ 90 (%)	97.20 %
Transmission 240 nm	≥ 98 (%)	101.50 %
Transmission 195nm	≥ 70 (%)	85.10000 %
Appearance (A104440)	Clear Colorless Liquid	Clear Colorless Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager