

Certificate of Analysis

Date of Testing: 2023-01-10 17:15:08

Date of Next Testing: 2027-01-09 17:15:08

Product Name: **Acetonitrile**

CAS Number: 75-05-8

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

Lot #: L22081076

SKU #: **A104440**

Analysis: 177266

Parameter	Limit Values	Result
Water by Karl Fischer	≤ 0.05 (%)	0.02 %
Purity(GC)	99.9-100 (%)	100.00 %
Acidity	≤ 0.0005 (eq/kg)	0.00014 eq/kg
Evaporation Residue	≤ 4.0 (mg/L)	2.00 mg/L
Transmission 200 nm	≥ 90 (%)	96.80 %
Transmission 240 nm	≥ 98 (%)	100.00 %
Transmission 195nm	≥ 70 (%)	91.60000 %
Alkalinity Content	≤ 0.0002 (eq/kg)	0.00000 eq/kg
Appearance (A104440)	Clear Colorless Liquid	Clear Colorless Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager