

Certificate of Analysis

Date of Testing: 2023-05-12 09:48:38

Date of Next Testing: 2027-05-11 09:48:38

Product Name: **Acetonitrile**

CAS Number: 75-05-8

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

Lot #: A2306221

SKU #: **A104440**

Analysis: 222314

Parameter	Limit Values	Result
Water by Karl Fischer	$\leq 0.05(\%)$	0.01 %
Purity(GC)	99.9-100 (%)	100.00 %
Acidity	≤ 0.0005 (eq/kg)	0.00010 eq/kg
Alkalinity Content	≤ 0.0002 (eq/kg)	0.00000 eq/kg
Evaporation Residue	≤ 4.0 (mg/L)	2.00 mg/L
Transmission 200 nm	≥ 90 (%)	97.70 %
Transmission 240 nm	≥ 98 (%)	99.80 %
Transmission 195nm	≥ 70 (%)	89.70000 %
Appearance (A104440)	Clear Colorless Liquid	Clear Colorless Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager