

Certificate of Analysis

Date of Testing: 2023-09-25 11:40:53

Date of Next Testing: 2027-09-24 11:40:53

Product Name: **Acetonitrile**

CAS Number: 75-05-8

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

Lot #: I2315089

SKU #: **A104440**

Analysis: 258230

Parameter	Limit Values	Result
Water by Karl Fischer	$\leq 0.05(\%)$	0.04 %
Purity(GC)	99.9-100 (%)	99.96 %
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 240 nm	≥ 98 (%)	100.20 %
Transmission 195nm	≥ 70 (%)	73.30000 %
Transmission 200 nm	≥ 90 (%)	94.10 %
Appearance (A104440)	Clear Colorless Liquid	Clear Colorless Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager