

Certificate of Analysis

Date of Testing: 2024-11-22 13:11:50

Date of Next Testing: 2028-11-21 13:11:50

Product Name: **Acetonitrile**

CAS Number: 75-05-8

Specifications & Purity: Chromatographic grade, UltraPureChrom™, ≥99.9%

Lot #: J2428681

SKU #: **A104440**

Version: **3**

Analysis #: **438198**

Parameter	Limit Values	Result
Purity(GC)	99.9-100 (%)	99.99 %
Water by Karl Fischer	<=0.05(%)	0.01 %
Evaporation Residue	≤ 4.0 (mg/L)	0.00 mg/L
Transmission 200 nm	≥ 90 (%)	91.80 %
Transmission 195nm	≥ 70 (%)	81.60000 %
Acidity	≤ 0.0005 (eq/kg)	0.00000 eq/kg
Alkalinity Content	≤ 0.0002(eq/kg)	0.00000 eq/kg
Transmission 240 nm	≥ 98 (%)	98.00 %
Appearance (A104440)	Clear Colorless Liquid	Clear Colorless Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager