

Certificate of Analysis

Date of Testing: 2024-08-09 16:18:48

Date of Next Testing: 2028-08-08 16:18:48

Product Name: **Acetonitrile**

CAS Number: 75-05-8

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

Lot #: G2411077

SKU #: **A104440**

Version **3**

Analysis #: **395724**

Parameter	Limit Values	Result
Water by Karl Fischer	$\leq 0.05(\%)$	0.01 %
Evaporation Residue	≤ 4.0 (mg/L)	0.00 mg/L
Transmission 200 nm	≥ 90 (%)	91.60 %
Transmission 240 nm	≥ 98 (%)	99.00 %
Transmission 195nm	≥ 70 (%)	81.10000 %
Purity(GC)	99.9-100 (%)	99.98 %
Acidity	≤ 0.0005 (eq/kg)	0.00000 eq/kg
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