

Certificate of Analysis

Date of Testing: 2024-05-22 09:54:46
Date of Next Testing: 2028-05-21 09:54:46
Product Name: **Acetonitrile**
CAS Number: 75-05-8
Specifications & Purity: for HPLC, $\geq 99.9\%$
Lot #: E2410244
SKU #: **A104440**
Version: **3**
Analysis #: **335976**

| Parameter | Limit Values | Result |
|-----------------------|------------------------|------------------------|
| Water by Karl Fischer | $\leq 0.05(\%)$ | 0.02 % |
| Purity(GC) | 99.9-100 (%) | 99.93 % |
| 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 195nm | ≥ 70 (%) | 75.40000 % |
| Transmission 200 nm | ≥ 90 (%) | 91.90 % |
| Transmission 240 nm | ≥ 98 (%) | 99.90 % |
| Appearance (A104440) | Clear Colorless Liquid | Clear Colorless Liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



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QA & QC Manager