



...Pure Quality

Certificate of Analysis

Product: ACS/HPLC Acetonitrile
Cat: CP-C0157
Lot: EK287
Description: ACS/HPLC Acetonitrile, ACS Reagent for general use, for HPC, Spectrophotometry, USP spec
Date of Manufacture: 2025-Apr-03
Use Before Date: 2028-Apr-03

Meets ACS Specifications

| <u>Test</u> | <u>Specification</u> | | <u>Result</u> | <u>Units</u> |
|--------------------------------|----------------------|-------------|---------------|--------------|
| | <u>Min.</u> | <u>Max.</u> | | |
| Appearance | Clear | | Clear | |
| Water by Karl Fisher Titration | | 0.05 | 0.001 | % |
| UV Cutoff | | 190 | 187 | nm |
| Refractive Index (20°C) | 1.3434 | 1.3446 | 1.3438 | |
| Residue | | 3 | <1 | mg/L |
| GC Analysis | 99.9 | | >99.99 | % |
| Color (APHA) | | 10 | <10 | |
| Titration Acid | | 8.0 | 0.15 | µeq/g |
| Titration Base | | 0.6 | 0.01 | µeq/g |
| HPLC Gradient @ 254 nm | | 0.005 | <0.0050 | AU |
| UV Absorbance @ 200 nm | | 0.070 | 0.0127 | AU |
| UV Absorbance @ 210 nm | | 0.040 | 0.0104 | AU |
| UV Absorbance @ 225 nm | | 0.020 | 0.0044 | AU |
| UV Absorbance @ 250 nm | | 0.005 | 0.0002 | AU |
| UV Absorbance @ 350 nm | | 0.005 | <0.0001 | AU |

Quality Control Approval

LIMS Sample No.: AQ00812
4/3/2025