



...Pure Quality

Certificate of Analysis

Product: ACS/HPLC Acetone
Cat: CP-C9043
Lot: EM083
Description: ACS Reagent, for HPLC, Spectrophotometry, meets analytical specification of USP, >99%
Date of Manufacture: 2026-May-08
Use Before Date: 2029-May-07

Meets ACS Specifications

| <u>Test</u> | <u>Specification</u> | | <u>Result</u> | <u>Units</u> |
|----------------------------------|----------------------|-------------|---------------|--------------|
| | <u>Min.</u> | <u>Max.</u> | | |
| Water by Karl Fischer Titration | | 0.50 | 0.30 | % |
| UV Cutoff | | 330 | 329 | nm |
| Refractive Index (20°C) | 1.3583 | 1.3589 | 1.3587 | |
| Residue | | 3 | <1 | mg/L |
| GC Analysis (excluding water) | 99.9 | | 99.92 | % |
| Solubility in Water | Passes test | | Passes test | |
| Color (APHA) | | 10 | <10 | |
| Titration Acid | | 0.3 | 0.16 | µeq/g |
| Titration Base | | 0.6 | 0.05 | µeq/g |
| Aldehyde (as HCHO) | | 0.002 | <0.002 | % |
| Isopropyl Alcohol | | 0.05 | <0.05 | % |
| Methanol | | 0.05 | <0.05 | % |
| Substances Reducing Permanganate | Passes test | | Passes test | |
| UV Absorbance @ 340 nm | | 0.080 | 0.0464 | AU |
| UV Absorbance @ 350 nm | | 0.010 | 0.0019 | AU |
| UV Absorbance @ 375 nm | | 0.005 | <0.0001 | AU |
| UV Absorbance @ 400 nm | | 0.005 | <0.0001 | AU |

Quality Control Approval

LIMS Sample No.: AR01163
5/11/2026