

Certificate of Analysis

Product: Acetone
Meets ASTM Technical Grade Specifications
CAS # 67-64-1
CHEMICAL FORMULA : CH₃COCH₃

Product Code : CP-T9700
Lot: 00208CPGM
Density: 0.784 g/mL, 25C
F.W. 58.08
Flash Point -20°C, -4°F

| Characteristic | Requirement | | Results | Units |
|--|-------------------------|--------|------------------|----------|
| | Min. | Max. | | |
| Appearance (color) - ASTM E284 | Clear, colorless liquid | | Clear, colorless | |
| Appearance (form) | Liquid | | Liquid | |
| Acidity, as Acetic acid - ASTM D1613 | | 0.002 | 0.0015 | % |
| Alkalinity, as NH ₃ - ASTM D1614 | | 0.001 | <0.001 | % |
| Aldehydes - ASTM D 329 | | PASS | PASS | |
| Specific Gravity at 20° C - ASTM D4052 | 0.7910 | 0.7930 | 0.7921 | g/mL |
| Specific Gravity at 25° C - ASTM D4052 | 0.7865 | 0.7885 | 0.7873 | g/mL |
| Water Content - ASTM D1364 | | 0.50 | 0.2720 | wt % |
| Color - ASTM D1209 | | 5.0 | 3.0 | Pt-Co |
| Distillation Range, 1° C incl 56.1° C - ASTM D1078 | | 1 | 0.4 | ° C |
| Initial Boiling Point | | REPORT | 55.8 | ° C |
| 50% | | REPORT | 56.0 | ° C |
| Dry Point | | REPORT | 56.2 | ° C |
| Nonvolatile Matter - ASTM D1353 | | 5 | <1.0 | mg/100mL |
| Odor - ASTM D1296 | Non-Residual | | PASS | n/a |
| Permanganate Time, at 25° C - ASTM D1363 | >120 | | >120 | minutes |
| Purity of Acetone, Dry basis, by GC | >99.5 | | 99.65 | wt % |
| Water Miscibility - ASTM D1722 | Pass | | Pass | n/a |
| Manufactured/ QC Release | 2024-04-23 | | | |

This is to certify that samples of the lot number above were tested and found to comply with the stated specifications. Some or all data have been provided by vendors/third parties. ChemPure Brand Chemicals expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular use or purpose. Persons using this information should make their own determination regarding its suitability for their particular use.

This is an electronically generated document and does not require signatures.