



ALDON CORPORATION

Chemical formulations and packaging

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CERTIFICATE OF ANALYSIS

Chemical Name: Acetone, Reagent ACS

Ankom Part #: FACE

CAS No. 67-64-1

Formula: CH_3COCH_3

F.W. 58.08

LOT AD-21305-4

Expiration Date: November 2024

| | <u>SPECIFICATION</u> | <u>RESULT</u> |
|---------------------------------|----------------------|-------------------------|
| Purity of Acetone, Dry Basis | 99.5 min. | 99.6439 |
| Water, wt % | 0.5 max. | 0.3338 |
| Color, APHO (Pt-Co) | <=5 | <5 |
| Specific Gravity @ 20 °C | 0.7910-0.7930 | 0.7923 |
| Specific Gravity @ 25 °C | 0.7865-0.7885 | 0.7878 |
| Distillation range, °C | 1.0 max. | 0.3 |
| Boiling point, °C | | 56.1 |
| 50% | | 56.3 |
| Dry Point | | 56.4 |
| Acidity as acetic acid, wt % | 0.002 max. | 0.0002 |
| Alkalinity as NH_3 | 0.001 max. | <0.0005 |
| Permanganate time, @ 25°C, mins | >120 min. | >120 |
| Odor | Non-Residual | pass |
| Non-volatile matter, mg/100 mL | 5 max. | <1 |
| Water Miscibility | pass | pass |
| Aldehydes | | pass |
| Appearance | pass | Clear, colorless liquid |

Approved By: Nicole Hale
Nicole Hale

Date: 11/11/21

