



# ALDON

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:  $\text{CH}_3\text{COCH}_3$

F.W. 58.08

LOT AD-24037-4

Expiration Date: February 2027

	<u>SPECIFICATION</u>	<u>RESULT</u>
Purity of Acetone, Dry Basis	99.5 min.	99.6092
Water, wt %	0.5 max.	0.3675
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%		56.2
Dry Point		56.4
Acidity as acetic acid, wt %	0.002 max.	0.0002
Alkalinity as $\text{NH}_3$	0.001 max.	<0.0005
Permanganate time, @ 25°C, mins	>120 min.	>120
Odor	Non-Residual	Non-Residual
Non-volatile matter, mg/100 mL	5 max.	<1
Water Miscibility	pass	pass
Aldehydes		pass
Appearance	pass	Clear, colorless liquid

Approved By:   
Samantha Betts

Date: 02/20/2024

