

### Certificate of Analysis

**Product: Acetone 99.5%**  
**Item Number: ACEL**  
**CAS#: 67-64-1**  
**Grade: Lab**  
**Lot Number: 5002270/1.1**  
**Manufacture Date: 05/06/2026**  
**Expiration Date: 05/05/2029**  
**Country of Origin: United States**

Tested Property	Specification	Analysis
Appearance	Clear and free	Pass
Purity, Dry Basis	Min 99.5 Wt. %	99.69
Acidity, as Acetic Acid	Max 0.002%	0.0008
Alkalinity, as NH <sub>3</sub>	Max 0.001%	<0.0001
Specific Gravity @ 20°C	0.7910 - 0.7930 g/mL	0.7921
Specific Gravity @ 25°C	0.7865 - 0.7885 g/mL	0.7872
Color	Max 5 Pt-Co	<5
Aldehydes	To Pass the Test	Pass
Water Content	Max 0.5 Wt. %	0.228
Distillation Range, 1°C incl. 56.1°C:		
Initial Boiling Point	As reported, °C	55.9
50%	As reported, °C	56.1
Dry Point	As reported, °C	56.3
Nonvolatile Matter	Max 5 mg/100mL	<5
Odor	Non-Residual	Pass
Permanganate Time, 25°C	Min 120 Minutes	>120
Water Miscibility	To Pass the Test	Pass

This product meets ASTM D329 specification for Acetone.

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[Acetone 99.5%](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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