

Certificate of Analysis

Product: Acetone 99.5%
Item Number: ACEL
Grade: Lab
Lot Number: 5001428/1.1
Manufacture Date: 05/10/2025
Expiration Date: 05/09/2028
Country of Origin: United States

Tested Property	Specification	Analysis
Appearance	Clear and free	Pass
Color, Pt-Co	Max 5	<5
Odor	Non-residual	Pass
Water	Max 0.50, wt%	0.036
Water miscibility	Pass the test	Pass
Specific Gravity @ 20°C	0.791 - 0.793	0.7914
Permanganate Time	>120 minutes	>120
Non-volatile matter	Max 5 mg/100ml	<1
Purity of Acetone, dry basis by GC	Min 99.50, wt%	99.93
Distillation Range 1°C incl 56.1°C	Max 1°C	0.4°C
IBP	As reported	55.9°C
DP	As reported	56.3°C
50%	As reported	56.1°C
Alkalinity as Ammonia	Max 0.001, wt%	<0.001
Acidity as Acetic Acid	Max 0.0020, wt%	0.0004
Aldehydes	Pass the test	Pass
Specific Gravity at 25°C	0.7865-0.7885	0.7883

This product meets ASTM D329 specification for Acetone.

Phone: 512-668-9918, Fax: 512-886-4008,
E-mail: customercare@laballey.com,
www.laballey.com,

12501 Pauls Valley Road, Suite A, Austin, Texas 78737,
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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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