

Certificate of Analysis

Product: Acetone
Item Number: ACEL
Grade: Lab
Lot Number: 5000751/1.1
Manufacture Date: 02/20/2024
Expiration Date: 02/19/2026
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, wt%	Max 0.50	0.164
Water miscibility	Pass the test	Pass
Specific Gravity @ 20°C	0.791 - 0.793	0.7918
Permanganate Time	>120 minutes	>120
Non-volatile matter, mg/100ml	≤5.0	1.1
Purity Acetone on dry basis by GC, wt%	≥99.50	99.81
Distillation Range 1°C incl 56.1°C	Max 1°C	0.4
IBP	As reported	55.9°C
DP	As reported	56.3°C
50%	As reported	56.2°C
Alkanity as Ammonia	Max 0.001 wt%	<0.0001
Acidity as Acetic Acid, wt%	≤0.0020	0.0015
Aldehydes	Pass the test	Pass

This product meets ASTM D329 specification for Acetone.

[Acetone](#)

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