LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: Ethanol 190 Proof (95%) Non-Denatured Alcohol, Kosher, Halal
Item Number: EAP190
CAS#: 64-17-5, 7732-18-5
Grade: USP/FCC
Lot Number: 5002631/3.1
Manufacture Date: 10/08/2026
Expiration Date: 10/07/2029
Country of Origin: United States

Tested Property	Specification	Analysis
Specific Gravity @ 60°F (15.5°C)	0.812 - 0.816	0.815
Proof	189.8 - 192.0	190.2
Ethyl Alcohol, % Vol	94.9 - 96.0%	95.1%
Ethyl Alcohol, % Wt	92.3 - 93.8%	92.6%
Identification Test B (IR)	Passes test	Pass
Appearance	Bright and clear, free of suspended matter	Passes
Odor	Characteristic ethanol	Passes
Color of Solution	Passes test	Pass
Clarity of Solution	Passes test	Pass
Acidity or Alkalinity	Passes test (<30 ppm as acetic acid)	<30 ppm
Limit of Nonvolatile Residue	<2.5 mg/100ml	<2.5 mg/100ml
Ultraviolet Absorption	Passes test	Pass
Organic Impurities: Benzene	≤2 ppm	<2 ppm
Organic Impurities: Acetaldehyde and Acetal	≤10 ppm	<10 ppm
Organic Impurities: Methanol	≤200 ppm	<200 ppm
Organic impurities: Other impurities	≤300 ppm	<300 ppm

Store in a cool, dry, and well-ventilated environment away from heat and direct sunlight.

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