LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: Ethanol 190 Proof (95%) Non-Denatured Alcohol, Kosher, Halal
Item Number: EAP190
Grade: USP/FCC
Lot Number: 5001819/1.1-190-120425
Manufacture Date: 12/04/2025
Expiration Date: 12/03/2027
Country of Origin: United States

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

CAS RN: 64-17-5, 7732-18-5

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