LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: Ethanol 200 Proof (100%) Undenatured Alcohol, Kosher, Halal
Item Number: EAP200
Grade: USP/FCC
Lot Number: 5001848/1.1
Manufacture Date: 11/12/2025
Expiration Date: 11/11/2027
Country of Origin: United States

Tested Property	Specification	Analysis
Appearance	Bright and clear, free of suspended matter	Pass
Proof	199.0 - 200.0	200.0
Ethyl Alcohol	NLT 99.5, % volume	100.0
Water Content	NMT 1000 ppm	245
Identification Test B (IR)	Passes test	Pass
Specific Gravity @ 60°F (15.56°C)	0.7936 - 0.7962	0.7936
Odor	Characteristic ethanol	Pass
Color of Solution	Passes test (<5 APHA)	Pass
Clarity of Solution	Passes test	Pass
Acidity or Alkalinity	Passes test (NMT 30 ppm as acetic acid)	Pass
Limit of Nonvolatile Residue	NMT 2.5 mg/100 mL	<2.5
Ultraviolet Absorption	Passes test	Pass
Organic Impurities: Benzene	NMT 2 ppm	<2
Organic Impurities: Acetaldehyde and Acetal	NMT 10 ppm	<10
Organic Impurities: Methanol	NMT 200 ppm	<200
Organic impurities: Other Impurities	NMT 300 ppm	<300

CAS RN: 64-17-5

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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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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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