LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: Ethanol 200 Proof (100%), Suitable for Molecular Biology
Item Number: EAPMB200
Grade: USP/FCC
Lot Number: 5001637/1.1
Manufacture Date: 09/15/2025
Expiration Date: 09/14/2027
Country of Origin: United States

Tested Property	Specification	Analysis
Specific Gravity @ 60°F (15.56°C)	0.7936 - 0.7962	0.7939
Proof	199.0 - 200.0	199.9
Ethyl Alcohol	NLT 99.5, % volume	100.0
Water Content	NMT 1000 ppm	674
Identification Test B (IR)	Passes test	Pass
Appearance	Bright and clear, free of suspended matter	Pass
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/100mL	<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

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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

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