

Certificate of Analysis

Product: Ethanol 200 Proof (100%), Suitable for Molecular Biology
Item Number: EAPMB200
CAS#: 64-17-5
Grade: USP/FCC
Lot Number: 5002214/1.1
Manufacture Date: 03/19/2026
Expiration Date: 03/18/2029
Country of Origin: United States

Tested Property	Specification	Analysis
Specific Gravity @ 60°F (15.56°C)	0.7936 - 0.7962	0.7936
Proof	199.0 - 200.0	200.0
Ethyl Alcohol	NLT 99.5, % volume	100.0
Water Content	NMT 1000 ppm	228
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

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

[Phone: 512-668-9918](tel:512-668-9918), [Fax: 512-886-4008](tel:512-886-4008),
[E-mail: customercare@laballey.com](mailto:customercare@laballey.com),
www.laballey.com,

12501 Pauls Valley Road, Suite A, Austin, Texas 78737.

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