



Certificate of Analysis

Product: Ethanol 190 Proof (95%) Non-Denatured Alcohol

Item Number: EAP190

Grade: USP/FCC

Lot Number: 284553

Manufacture Date: 12/30/2021

Expiration Date: 12/29/2023

Country of Origin: United States

Tested Property	Specification	Analysis
Specific Gravity @ 60°F (15.56°C)	0.812 - 0.816	0.815
Proof	189.8 - 192.0	190.3
Ethyl Alcohol, % Vol	94.9 - 96.0	95.1
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	Pass
Clarity of Solution	Passes test	Pass
Acidity or Alkalinity	Passes test (<30 ppm as acetic acid)	Pass
Limit of Nonvolatile Residue	<2.5mg/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

No USP Class 1, 2, 3 or other residual solvents are used in manufacturing or handling.

[Ethanol 190 Proof \(95%\) Non-Denatured Alcohol](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory

Phone: 512-668-9918, Fax: 512-886-4008,
E-mail: Customerservice@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: Customerservice@laballey.com,
www.laballey.com,

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

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