

Certificate of Analysis

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

Item Number: EAP190

Grade: USP

Lot Number: 271531

Manufacture Date: 12/10/2022

Expiration Date: 12/09/2024

Country of Origin: United States

Tested Property	Specification	Analysis
Specific Gravity @ 60°F (15.56°C)	0.812 - 0.816	0.816
Proof	189.8 - 192.0	190.0
Ethyl Alcohol, % Vol	94.9 - 96.0	95.0
Ethyl alcohol, % Wt	92.3 - 93.8	92.4
Identification Test B (IR)	Passes test	Pass
Appearance	Bright & 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

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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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