

Certificate of Analysis

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

Item Number: EAP190

Grade: USP

Lot Number: 5000258/1.1

Manufacture Date: 08/18/2023

Expiration Date: 08/17/2024

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	95.2
Identification Test B (IR)	Passes test	Pass
Appearance	Bright and clear, free of suspended matter	Passes
Odor	Characteristic ethanol	Passes
Color of Solution	Passes test	Pass
Clarity of Solution	Passes test	Pass
Acidity or Alkalinity	Passes test (<30 ppm as acetic acid)	<30
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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Ethanol source: Glacial Grain Spirits

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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 assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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