

### Certificate of Analysis

**Product: Ethanol 190 Proof (95%) Certified Organic/Vegan Sugar Cane Alcohol**  
**Item Number: EAOS190**  
**Grade: FCC**  
**Lot Number: 5000255/1.1**  
**Manufacture Date: 06/23/2023**  
**Expiration Date: 06/22/2025**  
**Country of Origin: United States**

Tested Property	Specification	Analysis
Proof	189.96 - 190.04	190.03
Percent Alcohol by Volume	94.98 - 95.02%	95.02
Specific Gravity @ 20°C	0.81240 - 0.81295	0.81281
Density	6.77 - 6.78 Lbs/Gallon	6.78
Fusel Oil Odor	No foreign odor or residual odor	Pass
Water solubility	Completely miscible	Pass
Opacity (Visual)	Clear and sparkling	Pass
Acidity as acetic acid	≤0.003%	0.003
Non-volatile residue	≤0.003%	0.00
Methanol	≤ 50 ppm	0
Acetaldehyde	≤ 10 ppm	2.7
Benzene	≤ 2 ppm	0
Fusel oil	≤ 300 ppm	0
Acetone, Ketones, IPA and t-butyl alcohol	No ppt. after 3 minutes	Pass
Aldehydes & other org. subs.	Pink color present after 5 minutes	20.50 min
Amyl alcohol, non-volatile carb. subs.	No red or brown color produced	Pass
UV absorbance	Curve @ 240, 250, 260, 270 & 340nm	Smooth

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

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