

### 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

[Ethanol 190 Proof \(95%\) Certified Organic/Vegan Sugar Cane 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](mailto:Customerservice@laballey.com),  
[www.laballey.com](http://www.laballey.com),

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

© copyright: 2023 Lab Alley



**LAB ALLEY**  
ESSENTIAL CHEMICALS



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.

This document was electronically issued and is therefore valid without a signature.

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

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

© copyright: 2023 Lab Alley