

### Certificate of Analysis

**Product: Ethanol 190 Proof (95%) Non-Denatured, Pure Alcohol**  
**Item Number: EAPHPLC190**  
**Grade: HPLC**  
**Lot Number: 5000879/1.2**  
**Manufacture Date: 09/23/2024**  
**Expiration Date: 09/22/2027**  
**Country of Origin: United States**

| Tested Property                     | Specification             | Analysis |
|-------------------------------------|---------------------------|----------|
| Assay by GC (Corrected for water)   | Min 95.0%                 | 95.01%   |
| Color APHA                          | Max 10                    | 0        |
| Solubility in water                 | Passes test               | Pass     |
| Residue after evaporation           | Max 0.001%                | 0.000    |
| Acetone, Isopropyl alcohol          | Passes test               | Pass     |
| Titration acid                      | Max 0.0005 meq/g          | 0.0001   |
| Titration base                      | Max 0.0002 meq/g          | 0.0001   |
| Methanol                            | Max 0.1%                  | <0.1     |
| Substance darkened by sulfuric acid | Passes test               | Pass     |
| Substance reducing permanganate     | Passes test               | Pass     |
| UV Absorbance                       | Max 0.01AU @ 270-400 nm   | 0.00     |
|                                     | Max 0.05 AU @ 240 nm      | 0.03     |
|                                     | Max 0.15 AU @ 230 nm      | 0.08     |
|                                     | Max 0.25 AU @ 220 nm      | 0.15     |
|                                     | Max 0.40 AU @ 210 nm      | 0.30     |
| Specific gravity                    | 0.8120 - 0.8160 @ 15.56°C | 0.8157   |

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

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

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



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