LAB ALLEY
ESSENTIAL CHEMICALS

## Certificate of Analysis

**Product: Ethanol 190 Proof (95%) Non-Denatured, Pure Alcohol**
**Item Number: EAPHPLC190**
**Grade: HPLC**
**Lot Number: 5001671/1.1**
**Manufacture Date: 09/23/2025**
**Expiration Date: 09/22/2028**
**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 | To Pass Test | Passes |
| Residue after Evaporation | Max 0.001% | 0.000 |
| Acetone/Isopropyl Alcohol | To Pass Test | Passes |
| Titrable Acid | Max 0.0005 meq/g | 0.0001 |
| Titrable Base | Max 0.0002 meq/g | 0.0001 |
| Methanol | Max 0.1% | Passes |
| Substances Darkened by Sulfuric Acid | To Pass Test | Passes |
| Substances Reducing Permanganate | To Pass Test | Passes |
| UV Absorbance | Max 0.01 AU @ 270-400 nm | 0.00 |
| | Max 0.05 AU @ 240 nm | 0.04 |
| | Max 0.15 AU @ 230 nm | 0.09 |
| | Max 0.25 AU @ 220 nm | 0.18 |
| | Max 0.40 AU @ 210 nm | 0.33 |
| Specific Gravity | 0.8120 - 0.8160 @ 15.56°C | 0.8157 |
| Proof | As reported | 190.0 |
| Assay (by specific gravity @ 15.56°C) | 94.9% - 96.0% v/v | 95.01 |

Ethanol 190 Proof (95%) Non-Denatured, Pure Alcohol

Phone: 512-668-9918, Fax: 512-886-4008,
E-mail: customercare@laballey.com,
www.laballey.com,
12501 Pauls Valley Road, Suite A, Austin, Texas 78737,
© copyright: 2026 Lab Alley

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.

Phone: 512-668-9918, Fax: 512-886-4008,
E-mail: customercare@laballey.com,
www.laballey.com,
12501 Pauls Valley Road, Suite A, Austin, Texas 78737,
© copyright:  2026 Lab Alley