

### Certificate of Analysis

**Product: Ethanol 190 Proof (95%) Non-Denatured Alcohol, Kosher, Halal**

**Item Number: EAP190**

**Grade: USP/FCC**

**Lot Number: 5001531/1.1**

**Manufacture Date: 08/14/2025**

**Expiration Date: 08/13/2027**

**Country of Origin: United States**

| Tested Property                             | Specification                              | Analysis |
|---------------------------------------------|--------------------------------------------|----------|
| Specific Gravity @ 60°F (15.5°C)            | 0.812 - 0.816                              | 0.815    |
| Proof                                       | 189.8 - 192.0                              | 190.3    |
| Ethyl Alcohol, % Vol                        | 94.9 - 96.0                                | 95.1     |
| Ethyl Alcohol, % Wt                         | 92.3 - 93.8                                | 92.6     |
| 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                | <2.5 mg/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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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

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