

Certificate of Analysis

Product: Ethanol 190 Proof (95%) Non-Denatured Alcohol, Kosher, Halal
Item Number: EAP190
Grade: USP/FCC
Lot Number: 5001819/1.1-190-120425
Manufacture Date: 12/04/2025
Expiration Date: 12/03/2027
Country of Origin: United States

| Tested Property | Specification | Analysis |
|---|--|-----------------|
| Appearance | Bright and clear, free of suspended matter | Passes |
| Color of Solution | Passes test | Passes |
| Ethyl Alcohol, % Vol | 94.9 - 96.0 | 95.1 |
| Ethyl Alcohol, % Wt | 92.3 - 93.8 | 92.6 |
| Identification Test (IR) | Passes test | Pass |
| Proof | 189.8 - 192.0 | 190.2 |
| Odor | Characteristic ethanol | Passes |
| 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 |
| Specific Gravity @ 60°F (15.5°C) | 0.812 - 0.816 | 0.815 |

CAS RN: 64-17-5, 7732-18-5

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