

Certificate of Analysis

Product: Organic Ethyl Alcohol, Wheat, 190 Proof, Kosher

Item Number: EAOW190

CAS#: 64-17-5

Grade: Reagent

Lot Number: 5002470/2.1

Manufacture Date: 02/03/2026

Expiration Date: 02/02/2028

Country of Origin: United States

Tested Property	Specification	Analysis
pH Acidity	6.000 - 9.000	7.291
Conductivity	Max. 0.100 $\mu\text{S}/\text{cm}$	0.016 $\mu\text{S}/\text{cm}$
Total Dissolved Solids	Max. 0.050 ppm	0.008 ppm
Clarity (Turbidity)	Max. 0.50 NTU	0.12 NTU
Proof @ 60°F	Max. 190.5° Proof	190.1° Proof
AOAC @ 60°F, v/v	Max. 95.3%	95.1%
Specific Gravity	Max. 0.81345	0.81264
Density	Max. 81200 g/cm ³	0.81118 g/cm ³
Dynamic Viscosity	Max. 2.00 cp	1.70 cp
Refractive Index	Max. 1.390000 nD	1.363690 nD
Light Absorbance:		
	Min. 0.000 Abs. @ 220 nm	0.097 Abs.
	Min. 0.000 Abs. @ 230 nm	0.070 Abs.
	Max. 0.400 Abs. @ 240 nm	0.039 Abs.
	Max. 0.300 Abs. @ 250 nm	0.017 Abs.
	Max. 0.300 Abs. @ 260 nm	0.007 Abs.
	Max. 0.100 Abs. @ 270 nm	0.003 Abs.
	Max. 0.100 Abs. @ 340 nm	0.004 Abs.
Taste/Odor	Ethyl Alcohol	Pass
Visual	Clear, same as Water	Pass

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Acetaldehyde	Max. 10,000.00 ppm	Not Detected
Acetal	Max. 10,000.00 ppm	Not Detected
Methanol	Max. 200,000.00 ppm	Not Detected
Ethyl Acetate	Max. 13,000.00 ppm	Not Detected
Benzene	Max. 2,000.00 ppm	Not Detected
Acetic Acid	Max. 30,000.00 ppm	Not Detected
Furfural	As reported, ppm	Not Detected
Isopropyl Alcohol	Max. 5,000.00 ppm	Not Detected
Propyl Alcohol	Max. 5,000.00 ppm	Not Detected
sec-Butyl Alcohol	Max. 5,000.00 ppm	Not Detected
Isobutanol	Max. 5,000.00 ppm	Not Detected
Butyl Alcohol	Max. 5,000.00 ppm	Not Detected
Isoamyl Alcohol	Max. 5,000.00 ppm	Not Detected
Active Amyl Alcohol	Max. 5,000.00 ppm	Not Detected

Store in a cool, dry, and well-ventilated environment.

[Organic Ethyl Alcohol, Wheat, 190 Proof, Kosher](#)

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.

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