

Certificate of Analysis

Product: Ethanol 200 Proof (100%) Undenatured Alcohol, Kosher, Halal
Item Number: EAP200
Grade: USP/FCC
Lot Number: 5001094/1.1
Manufacture Date: 01/17/2025
Expiration Date: 01/16/2027
Country of Origin: United States

Tested Property	Specification	Analysis
Specific Gravity @ 60°F (15.56°C)	0.7936 - 0.7962	0.7936
U.S Proof @ 60°F	199.0 - 200.0	200.0
Ethyl Alcohol	NLT 99.5 % volume	100.0
Water Content	NMT 1000 ppm	208
Identification Test B (IR)	Passes test	Pass
Appearance	Bright and clear, free of suspended matter	Pass
Odor	Characteristic ethanol	Pass
Color of Solution	Passes test (<5 APHA)	Pass
Clarity of Solution	Passes test	Pass
Acidity or Alkalinity	Passes test (NMT 30 ppm as acetic acid)	Pass
Limit of Nonvolatile Residue	NMT 2.5 mg/100mL	<2.5
Ultraviolet Absorption	Passes test	Pass
Organic Impurities: Benzene	NMT 2 ppm	0
Organic Impurities: Acetaldehyde and Acetal	NMT 10 ppm	8
Organic Impurities: Methanol	NMT 200 ppm	0
Organic impurities: Sum of all Other Impurities	NMT 300 ppm	17
UV absorption @ 240nm	NMT 0.4 AU	0.06
UV absorption @ 260nm	NMT 0.3 AU	0.01
UV absorption @ 340nm	NMT 0.1 AU	0.00

Tested as per USP<841>, USP<197F>, USP<197U>, USP<630> and USP monograph for dehydrated alcohol.

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