

Certificate of Analysis

Product: Ethanol 200 Proof Grain Alcohol (Dehydrated Alcohol)

Grade: USP Grade, Kosher

Batch Number: 267933

Tested Property	Specification	Analysis
Proof	199.0 - 200.0	199.9
Ethyl Alcohol, % volume	NLT 99.5	100
Specific Gravity @ 60°F (15.56°C)	0.7936 - 0.7962	0.7939
Water Content, ppm	NMT 1000 ppm	293
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 2.5mg/100ml	Pass
Ultraviolet Absorption	Passes test	Pass
Organic Impurities: Benzene	NMT 2 ppm	Pass
Organic Impurities: Acetaldehyde and Acetal	NMT 10 ppm	Pass
Organic Impurities: Methanol	NMT 200 ppm	Pass
Organic Impurities: Other Impurities	NMT 300 ppm	Pass

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 a particular purpose are made without warranty, expressed or implied.