

Certificate of Analysis

Product: Ethanol 190 Proof (95%) Non-Denatured, Pure Alcohol
Item Number: EAPHPLC190
Grade: HPLC
Lot Number: 5000879/1.1
Manufacture Date: 09/23/2024
Expiration Date: 09/22/2027
Country of Origin: United States

Tested Property	Specification	Analysis
Assay by GC (Corrected for water)	Min 95.0%	95.01%
Color APHA	Max 10	0
Solubility in water	Passes test	Pass
Residue after evaporation	Max 0.001%	0.000
Acetone, Isopropyl alcohol	Passes test	Pass
Titration acid	Max 0.0005 meq/g	0.0001
Titration base	Max 0.0002 meq/g	0.0001
Methanol	Max 0.1%	<0.1
Substance darkened by sulfuric acid	Passes test	Pass
Substance reducing permanganate	Passes test	Pass
UV Absorbance	Max 0.01AU @ 270-400 nm	0.00
	Max 0.05 AU @ 240 nm	0.03
	Max 0.15 AU @ 230 nm	0.08
	Max 0.25 AU @ 220 nm	0.15
	Max 0.40 AU @ 210 nm	0.30
Specific gravity	0.8120 - 0.8160 @ 15.56°C	0.8157

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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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