LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: Ethanol 190 Proof (95%) Non-Denatured, Pure Alcohol
Item Number: EAPHPLC190
Grade: HPLC
Lot Number: 5001768/1.1
Manufacture Date: 10/28/2025
Expiration Date: 10/27/2028
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	To Pass Test	Passes
Residue after Evaporation	Max 0.001%	0.000
Acetone/Isopropyl Alcohol	To Pass Test	Passes
Titrable Acid	Max 0.0005 meq/g	0.0001
Titrable Base	Max 0.0002 meq/g	0.0001
Methanol	Max 0.1%	Passes
Substances Darkened by Sulfuric Acid	To Pass Test	Passes
Substances Reducing Permanganate	To Pass Test	Passes
UV Absorbance	Max 0.01 AU @ 270-400 nm	0.00
	Max 0.05 AU @ 240 nm	0.03
	Max 0.15 AU @ 230 nm	0.07
	Max 0.25 AU @ 220 nm	0.15
	Max 0.40 AU @ 210 nm	0.31
Specific Gravity	0.8120 - 0.8160 @ 15.56°C	0.8158
Proof	As reported	190.0
Assay (by specific gravity @ 15.56°C)	94.9% - 96.0% v/v	95.01

Ethanol 190 Proof (95%) Non-Denatured, Pure Alcohol

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