



12400 Belden Ct
Livonia, MI 48150

Certificate of Analysis

Product: Organic Cane Ethanol 190 Proof
Lot Number: 06162026
Date: 12-10-2026

Analytical Results

Test Performed	Method	Specification	Results
Alcohol Content at 20°C (°INPM)	NBR 5992/15639	Min 94.0	94.53
Alcohol Content (°GL)	NBR 5992/15639	Min 96.10	96.47
Density at 20°C (kg/m³)	NBR 5992/15639	Max 806.9	805.5
Acidity (mg/L)	NBR 9866	Max 10	6.48
pH	NBR 10891	5.5 – 7.5	6.16
Conductivity (µS/m)	NBR 10547	< 100	4
Permanganate Test (min)	CONSUL-LAB-ME2-007	Min 30	40:01
Appearance	Visual Inspection	Colorless, Clear	Clear, Free of Impurities
Smell	INSTR-0600	Neutral	Characteristic
Color (mg/L)	Visual Inspection	Colorless	Colorless
Acetaldehyde (mg/L)	INSTR-0600	Max 10	N.D.
Acetone (mg/L)	INSTR-0600	Max 2.5	N.D.
Methyl Alcohol (mg/L)	INSTR-0600	Max 25	N.D.
Iso-Propyl Alcohol (mg/L)	INSTR-0600	—	5.9
Ethyl Acetate (mg/L)	INSTR-0600	Max 5	N.D.
Furfural (mg/L)	INSTR-0600	Max 2.5	N.D.
Acetal (mg/L)	INSTR-0600	Max 5	N.D.
Total Higher Alcohols (mg/L)	INSTR-0600	Max 5	0.0
N-Propyl Alcohol (mg/L)	INSTR-0600	—	N.D.
Iso-Butyl Alcohol (mg/L)	INSTR-0600	—	N.D.
N-Butyl Alcohol (mg/L)	INSTR-0600	—	N.D.

Test Performed	Method	Specification	Results
Iso-Amyl Alcohol (mg/L)	INSTR-0600	—	N.D.

Note: N.D. = Not Detected. Total Higher Alcohols = sum of N-Propanol, Iso-Butyl, N-Butyl and Iso-Amyl concentrations.

The above results are representative of the lot analyzed and conform to USA Lab specifications.