

**Certificate of Analysis**

**Product: Organic Ethyl Alcohol, Sugar Cane, 190 Proof, Kosher, Halal**

**Item Number: EAOS190**

**Grade: FCC**

**Lot Number: 5000900/1.1**

**Manufacture Date: 10/14/2024**

**Expiration Date: 10/13/2026**

**Country of Origin: Brazil**

<b>Tested Property</b>	<b>Specification</b>	<b>Analysis</b>
Alcoholic Content 20°C, INPM (%p/p)	94.00 - 95.20	94.10
Alcoholic Content 20°C, °GL (%v/v)	96.10 - 97.00	96.18
Specific Gravity 20°C, g/cm <sup>3</sup>	0.8037 - 0.8071	0.8067
Specific Gravity 15.56°C, g/cm <sup>3</sup>	0.8075 - 0.8109	0.8105
Acidity, mg/L	3 - 12	5.0
pH	6.0 - 8.0	7.8
Barbet, Minutes	Min. 35	51
Evaporation Residue, mg/100ml	Max. 2.5	1.1
Appearance	Clear, Flammable	Clear, IN
Odor	To Pass Test	Pass
Acetadehyde, mg/L	Max. 10.0	<10
Acetone, mg/L	Max. 10.0	<10
Ethyl Acetate, mg/L	Max. 10.0	<10
Acetal, mg/L	Max. 10.0	<10
N-Propanol, mg/L	Max. 10.0	<10
Isobutanol, mg/L	Max. 10.0	<10
N-Butanol, mg/L	Max. 10.0	<10
Isoamyl, mg/L	Max. 10.0	<10
Methanol, mg/L	Max. 10.0	<10
Benzene, mg/L	Max. 2.0	<2

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