

### Certificate of Analysis

**Product:** Ethanol 190 Proof (95%) Certified Organic/Vegan Sugar Cane Alcohol

**Item Number:** EAOS190

**Grade:** FCC

**Lot Number:** 5000183/1.1

**Manufacture Date:** 07/19/2023

**Expiration Date:** 07/18/2025

**Country of Origin:** Brazil

Tested Property	Specification	Analysis
Alcoholic Content 20° C, INPM (%p/p)	94.00 - 95.20	94.30
Alcoholic Content 20° C, °GL (%v/v)	96.10 - 97.00	96.30
Specific Gravity 20°C, g/cm <sup>3</sup>	0.8037 - 0.8071	0.8062
Specific Gravity 15.56°C, g/cm <sup>3</sup>	0.8075 - 0.8109	0.8100
Acidity, mg/L	3 - 12	4.6
pH	6.0 - 8.0	8.0
Barbet, Minutes	Min. 35	40
Evaporation Residue, mg/100ml	Max. 2.5	1.0
Appearance	Clear, Flammable	Clear, IN
Odor	Pass	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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