

Certificate of Analysis

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

Item Number: EAOS190

Grade: FCC

Lot Number: 5000277/1.2

Manufacture Date: 09/08/2023

Expiration Date: 09/07/2025

Country of Origin: Brazil

| Tested Property | Specification | Analysis |
|---|------------------|-----------|
| Alcoholic Content 20° C, INPM (%p/p) | 94.00 - 95.20 | 94.25 |
| Alcoholic Content 20° C, °GL (%v/v) | 96.10 - 97.00 | 96.25 |
| Specific Gravity 20°C, g/cm ³ | 0.8037 - 0.8071 | 0.8064 |
| Specific Gravity 15.56°C, g/cm ³ | 0.8075 - 0.8109 | 0.8102 |
| Acidity, mg/L | 3 - 12 | 4.6 |
| pH | 6.0 - 8.0 | 7.7 |
| Barbet, Minutes | Min. 35 | 40 |
| Evaporation Residue, mg/100ml | Max. 2.5 | 1.1 |
| 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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