



Certificate of Analysis

Product: Ethanol 190 Proof (95%) Certified Organic/Vegan Sugar Cane Alcohol
Item Number: EAOS190
Grade: Organic/FCC
Lot Number: COP0203845
Manufacture Date: 03/02/2023
Expiration Date: 03/01/2025
Country of Origin: Brazil

| Tested Property | Specification | Analysis |
|---------------------------------------|------------------|-----------|
| Alcoholic Content 20Â° C, INPM (%p/p) | 94.00 - 95.20 | 94.20 |
| Alcoholic Content 20Â° C, Â°GL (%v/v) | 96.10 - 97.00 | 96.24 |
| Specific Gravity 20Â°C, g/cm3 | 0.8037 - 0.8071 | 0.8064 |
| Specific Gravity 15.56Â°C, g/cm3 | 0.8075 - 0.8109 | 0.8103 |
| Acidity, mg/L | 3 - 12 | 4.3 |
| pH | 6.0 - 8.0 | 7.7 |
| Barbet, Minutes | Min. 35 | 38 |
| 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 |

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