

Certificate of Analysis

Product: Organic Ethyl Alcohol, Sugar Cane, 190 Proof Kosher, Halal
Item Number: EAOS190
Grade: FCC
Lot Number: 5000557/1.1
Manufacture Date: 03/21/2024
Expiration Date: 03/20/2026
Country of Origin: Brazil

| Tested Property | Specification | Analysis |
|---------------------------------------|--|-----------------|
| Alcoholic Content (by ABNTNBR5992) | 94.00 - 95.20 @ 20°C INPM (%p/p) | 94.10 |
| Alcoholic Content (by ABNTNBR5992) | 96.10 - 97.00 @ 20°C °GL (%v/v) | 96.18 |
| Specific Gravity (by ABNTNBR5992) | 0.8037 - 0.8071@ 20°C, g/cm ³ | 0.8067 |
| Specific Gravity (by ABNTNBR5992) | 0.8075 - 0.8109 @ 15.56°C, g/cm ³ | 0.8105 |
| Acidity, mg/L (by ABNTNBR9866) | 3 - 12 | 4.8 |
| pH (by ABNTNBR10891) | 6.0 - 8.0 | 7.6 |
| Barbet, Minutes (by ABNTNBR5824) | Min. 35 | 49 |
| Evaporation Residue (by ABNTNBR8911) | Max. 2.5 mg/100ml | 1.3 |
| Appearance, Visual | Clear, Flammable | Clear, IN |
| Odor, Sensorial | Pass | Pass |
| Acetadehyde, mg/L (by ABNTNBR10260) | Max. 10.0 | <10 |
| Acetone, mg/L (by ABNTNBR10260) | Max. 10.0 | <10 |
| Ethyl Acetate, mg/L (by ABNTNBR10260) | Max. 10.0 | <10 |
| Acetal, mg/L (by ABNTNBR10260) | Max. 10.0 | <10 |
| N-Propanol, mg/L (by ABNTNBR10260) | Max. 10.0 | <10 |
| Isobutanol, mg/L (by ABNTNBR10260) | Max. 10.0 | <10 |
| N-Butanol, mg/L (by ABNTNBR10260) | Max. 10.0 | <10 |
| Isoamyl, mg/L (by ABNTNBR10260) | Max. 10.0 | <10 |
| Methanol, mg/L (by ABNTNBR10260) | Max. 10.0 | <10 |
| Benzene, mg/L (by ABNTNBR10260) | Max. 2.0 | <2 |

[Phone: 512-668-9918](tel:512-668-9918), [Fax: 512-886-4008](tel:512-886-4008),
[E-mail: customercare@laballey.com](mailto:customercare@laballey.com),
www.laballey.com,

12501 Pauls Valley Road, Suite A, Austin, Texas 78737.

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