

Certificate of Analysis

Product: Ethanol 190 Proof (95%) Organic Vegan Sugar Cane Alcohol, FCC Food Grade, Kosher

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/cm3	0.8067
Specific Gravity (by ABNTNBR5992)	0.8075 - 0.8109 @ 15.56°C, g/cm3	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

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