

Certificate of Analysis

Product: Ethyl Alcohol, 190 Proof Organic sugar cane
Item Number: EAOS190
Grade: USP
Lot Number: COP0P306948
Manufacture Date: 03/06/2022
Expiration Date: 03/05/2024
Country of Origin: United States

| Tested Property | Specification | Analysis |
|--------------------------|----------------------------|-----------|
| Specific gravity 20°C | 0.8037 - 0.8071 | 0.8065 |
| Specific gravity 15,56°C | 0.8075 - 0.8109 | 0.8103 |
| Alcoholic content 20° C | 94.00 - 95.20, INPM (%p/p) | 94.20 |
| Alcoholic content 20° C | 96.10 - 97.00, °GL (%v/v) | 96.22 |
| Acidity | 3 - 12, mg/L | 4.6 |
| pH | 6.0 - 8.0 | 6.9 |
| Barbet, Minutes | Min. 35 | 44 |
| Evaporation residue | Max. 2.5 mg/100ml | 1.2 |
| Appearance | Clear, flammable | Clear, IN |
| Odor | Pass | Pass |
| Acetadehyde | Max. 10.0 mg/L | <10 |
| Acetone | Max. 10.0 mg/L | <10 |
| Ethyl Acetate | Max. 10.0 v | <10 |
| Acetal | Max. 10.0 mg/L | <10 |
| N-Propanol | Max. 10.0 mg/L | <10 |
| Isobutanol | Max. 10.0 mg/L | <10 |
| N-Butanol | Max. 10.0 mg/L | <10 |
| Isoamyl | Max. 10.0 mg/L | <10 |

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