

# Certificate of Analysis



SCIENTIFIC

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An ISO 9001 Certified Company

## ETHANOL (Anhydrous-Alcohol)

### PRODUCT NUMBER

IB15720 \_\_\_\_\_ 500ml  
IB15721 \_\_\_\_\_ 1L  
IB15724 \_\_\_\_\_ 4L

### LOT NO.

Lot# \_\_\_\_\_ 21L3004

### STORAGE

Store at room temperature inside a flame proof cabinet.

### CAS NO.

CAS# \_\_\_\_\_ 64-17-5

### SPECIFICATIONS

|  | Specification     | Analysis           | Disposition |
|--|-------------------|--------------------|-------------|
| Ethanol (200 proof)                        | ≥ 95.0%           | 95.37%             | PASS        |
| Methanol                                   | ≥ 4.5%            | 4.64%              | PASS        |
| Moisture Content                           | 1.0% Max.         | 0.05%              | PASS        |
| Identification (IR) - Compared to Standard | PASS / FAIL       | Compares Favorably | PASS        |
| Apparent Specific Gravity (@20°C)          | 0.7902 - 0.7912   | 0.7905             | PASS        |
| Acidity (as acetic acid)                   | ≤ 0.0025% (wt/wt) | < 0.0025% (wt/wt)  | PASS        |
| Odor                                       | Characteristic    | PASS               | PASS        |
| Color (Pt-Co)                              | 10 Max.           | < 10               | PASS        |

### COMPLIANCE STAT.

- This lot of ethanol (200 proof), complies with all of the above mentioned specifications and the requirements of 27 CFR Part 21.
- This product is not derived, nor does it come in contact with, any materials derived from bovine or other animal sources.
- This product is for further commercial manufacturing, laboratory or research use, and may be used as a process solvent for pharmaceutical purposes. It is not intended for use as an active ingredient in drug manufacturing nor as a medical device or disinfectant. Appropriate/legal use of this product is the responsibility of the user.

### DATE OF

Manufacture Date: \_\_\_\_\_ 11/17/2021

Restest Date: \_\_\_\_\_ 11/16/2024

### CERTIFICATION

We certify that this batch conforms to the specifications listed above and has been reviewed by a quality representative. This document has been electronically produced and signed by IBI SCIENTIFIC.

Toby Frericks  
Quality Control

12/17/21  
Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.