

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-07-20 11:54:26

Date of Next Testing: 2030-07-19 11:54:26

Product Name: **Ethanol**

CAS Number: 64-17-5

Specifications & Purity: Ultra dry,  $\geq 99.5\%$ , water  $\leq 50$  ppm

Lot #: G2617259

SKU #: **E1521120**

Version: **1**

Analysis #: **744637**

Storage Temperature: Room temperature, Desiccated

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Purity(GC)                          | 99.5-100 (%)          | 99.96800 %            |
| Refractive index n <sub>20</sub> /D | 1.36-1.362            | 1.36130               |
| Water by Karl Fischer               | 0-50 (ppm)            | 25.00000 ppm          |
| Evaporation Residue                 | 0-0.0005 (%)          | 0.00000 %             |
| Appearance(E1521120)                | Colorless liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager