

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-16 09:09:40  
 Date of Next Testing: 2027-12-16 09:09:40  
 Product Name: **1,2-Dimethoxyethane**  
 CAS Number: 110-71-4  
 Specifications & Purity: anhydrous, ≥99.5%, inhibitor-free  
 Lot #: L2412314  
 SKU #: **D431452**  
 Version: **1**  
 Analysis #: **601904**  
 Storage Temperature: Room temperature

| Parameter             | Limit Values          | Result                |
|-----------------------|-----------------------|-----------------------|
| Purity(GC)            | 99.5-100 (%)          | 99.99000 %            |
| Evaporation Residue   | 0-0.0005 (%)          | 0.00000 %             |
| Water by Karl Fischer | 0-0.003 (%)           | 0.00170 %             |
| Hydrogen Peroxide     | 0-15 (ppm)            | 7.50000 ppm           |
| Appearance(D431452)   | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum     | Conforms to Structure | Conforms to Structure |
| NMR Spectrum 1H       | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager