

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-29 13:08:56  
 Date of Next Testing: 2029-11-28 13:08:56  
 Product Name: **2-Methoxyethanol**  
 CAS Number: 109-86-4  
 Specifications & Purity: HPLC grade, ≥99.7%(GC)  
 Lot #: K2528257  
 SKU #: **M102857**  
 Version: **0**  
 Analysis #: **614668**  
 Storage Temperature: Room temperature, Desiccated

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Purity(GC)                          | 99.7-100 (%)          | 99.92000 %            |
| UV Absorbance 213nm                 | 0-1                   | 0.60800               |
| Refractive index n <sub>20</sub> /D | 1.401-1.404           | 1.40240               |
| Water by Karl Fischer               | 0-0.05 (%)            | 0.04160 %             |
| UV Absorbance 240nm                 | 0-0.2                 | 0.19300               |
| UV Absorbance 300nm                 | 0-0.01                | 0.00000               |
| UV Absorbance 260nm                 | 0-0.05                | 0.02900               |
| Evaporation Residue                 | 0-0.0005 (%)          | 0.00000 %             |
| UV Absorbance 400nm                 | 0-0.01                | 0.00000               |
| Appearance (M102857)                | Colorless liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |
| λ, H <sub>2</sub> O reference       | Pass                  | Pass                  |



John Su  
QA & QC Manager