

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-04-19 14:16:03  
 Date of Next Testing: 2029-04-18 14:16:03  
 Product Name: **Ethylene glycol dimethyl ether**  
 CAS Number: 110-71-4  
 Specifications & Purity: anhydrous, ≥99.5%  
 Lot #: D2517421  
 SKU #: **E119676**  
 Version: **0**  
 Analysis #: **494565**  
 Storage Temperature: Room temperature, Desiccated

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Evaporation Residue                 | 0-0.0005 (%)          | 0.00000 %             |
| Refractive index n <sub>20</sub> /D | 1.379-1.381           | 1.37972               |
| Density (20°C)                      | 0.867-0.869           | 0.86800               |
| Purity(GC)                          | 99.5-100 (%)          | 99.85000 %            |
| Water by Karl Fischer               | 0-0.003 (%)           | 0.00220 %             |
| Appearance (E119676)                | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager