

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-24 15:18:45

Date of Next Testing: 2027-05-14 15:18:45

Product Name: **Ethylene glycol dimethyl ether**

CAS Number: 110-71-4

Specifications & Purity: AR, ≥99.5%(GC)

Lot #: E2519021

SKU #: **E104388**

Version: **2**

Analysis #: **517338**

Storage Temperature: Room temperature, Desiccated

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Refractive index n <sub>20</sub> /D | 1.379-1.382           | 1.37960               |
| Assay                               | 99.5-100 (%)          | 99.75300 %            |
| Evaporation Residue                 | 0-0.002 (mg/L)        | 0.00000 mg/L          |
| Water by Karl Fischer               | 0-0.1 (%)             | 0.02070 %             |
| Acidity and alkalinity test         | pass                  | Pass                  |
| Density , 0.8683g/mL (20°C)         | pass                  | Pass                  |
| Solubility in EtOH                  | pass                  | Pass                  |
| Appearance(E104388)                 | Colorless liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager