

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-14 16:16:24

Date of Next Testing: 2029-10-13 16:16:24

Product Name: **Isosorbide Dimethyl Ether**

CAS Number: 5306-85-4

Specifications & Purity:  $\geq 98\%$ (GC)

Lot #: A2207841

SKU #: **I157534**

Version: **0**

Analysis #: **588239**

Storage Temperature: Room temperature

| Parameter                                                         | Limit Values                     | Result                           |
|-------------------------------------------------------------------|----------------------------------|----------------------------------|
| Purity(GC)                                                        | 98-100 (%)                       | 98.01000 %                       |
| Refractive index n <sub>20</sub> /D                               | 1.462-1.464                      | 1.46208                          |
| Specific Rotation [α] <sub>20</sub> /D(c=2 in CHCL <sub>3</sub> ) | 96-99 (°)                        | 97.96700 °                       |
| Density (20°C)                                                    | 1.166-1.169                      | 1.16750                          |
| Appearance (I157534)                                              | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum                                               | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager