

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-10 09:37:19  
Date of Next Testing: 2029-06-09 09:37:19  
Product Name: **Isosorbide Dimethyl Ether**  
CAS Number: 5306-85-4  
Specifications & Purity:  $\geq 98\%$ (GC)  
Lot #: H2118216  
SKU #: **I157534**  
Version: **0**  
Analysis #: **521875**

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.06 %
Refractive index n <sub>20</sub> /D	1.462-1.464	1.46
Specific Rotation [α] <sub>20</sub> /D(c=2 in CHCL <sub>3</sub> )	96-99 (°)	96.94°
Density (20°C)	1.166-1.169	1.17
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