

Certificate of Analysis

Date of Testing: 2022-10-11 17:14:41
Date of Next Testing: 2026-10-10 17:14:41
Product Name: **Isosorbide Dimethyl Ether**
CAS Number: 5306-85-4
Specifications & Purity: >98.0%(GC)
Lot #: I2227411
SKU #: **I157534**
Analysis: **104225**

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.39%
Refractive index n ₂₀ /D	1.462-1.464	1.46
Density (20°C)	1.166-1.169	1.17
Specific Rotation [α] ₂₀ /D(c=2 in CHCL ₃)	96-99 (°)	98.92°
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