

Certificate of Analysis

Date of Testing: 2025-02-13 19:07:53
 Date of Next Testing: 2027-02-13 19:07:53
 Product Name: **(S)-(-)- α -Methylbenzyl Isocyanate**
 CAS Number: 14649-03-7
 Specifications & Purity: for chiral derivatization, $\geq 99\%$
 Lot #: B2510078
 SKU #: **I131984**
 Version: **0**
 Analysis #: **473122**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.512-1.516	1.51
Purity(GC)	99-100 (%)	99.03%
Specific Rotation [α] _{20/D} (c=Neat)	-11.5--8.5 (°)	-8.74 °
Appearance (I131984Color)	Colorless to light yellow	Colorless to light yellow
Appearance (I131984Form)	Liquid	Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager