

Certificate of Analysis

Date of Testing: 2022-08-10 15:30:07
Date of Next Testing: 2025-08-09 15:30:07
Product Name: (-)-Methyl (S)-2,2-dimethyl-1,3-dioxolane-4-carboxylate
CAS Number: 60456-21-5
Specifications & Purity: 95%
Lot #: J1918121
SKU #: M119128
Analysis: 123595

Parameter	Limit Values	Result
Purity(GC)	95-100 (%)	95.00%
Enantiometric Excess	96-100 (%)	96.06%
Specific Rotation [α] _{20/D}	-11.5--9.5 (°)	-9.60°
Appearance (M119128)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager