

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-13 10:16:31

Date of Next Testing: 2025-01-12 10:16:31

Product Name: (-)-Menthyl Chloroformate

CAS Number: 14602-86-9

Specifications & Purity: $\geq 95\%$

Lot #: A2309552

SKU #: M131981

Version: 3

Analysis #: 110268

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	95-100 (%)	95.01000 %
Specific Rotation $[\alpha]_{25/D}(C=1\%, CHCl_3)$	-85- -79(°)	-84.98000 °
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager