

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-02 09:39:33
Date of Next Testing: 2026-09-01 09:39:33
Product Name: **(1S)-(+)-Menthyl chloroformate**
CAS Number: 7635-54-3
Specifications & Purity: 97%
Lot #: H2222072
SKU #: **M113561**
Analysis: 130812
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Specific Rotation(neat)	79-85 (°)	80.80°
Refractive index n ₂₀ /D	1.458-1.46	1.46
Density (20°C)	1.031-1.035	1.03
Purity(GC)	97-100 (%)	98.20%
Appearance (M113561)	colorless to brown liquid	colorless to brown liquid
NMR Spectrum 1H	conforms to structure	Conforms to Structure



John Su
QA & QC Manager