

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-05 17:18:36

Date of Next Testing: 2025-05-25 17:18:36

Product Name: (R)-(-)- α -Methoxy- α -(trifluoromethyl)phenylacetyl chloride

CAS Number: 39637-99-5

Specifications & Purity: $\geq 99\%$

Lot #: E23291190

SKU #: M113468

Version: 1

Analysis #: 041683

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.60000 %
Refractive index n ₂₀ /D	1.468-1.471	1.47000
Density (20°C)	1.354-1.357	1.35500
Specific Rotation [α] ₂₀ /D(c=2 in Toluene)	-152--145 (°)	-151.20000 °
Appearance (M113468)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager