

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-13 17:03:47
 Date of Next Testing: 2024-09-02 17:03:47
 Product Name: (R)-(-)- α -Methoxy- α -(trifluoromethyl)phenylacetyl chloride
 CAS Number: 39637-99-5
 Specifications & Purity: $\geq 99\%$
 Lot #: I2207167
 SKU #: M113468
 Version: 1
 Analysis #: 126744
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.90000 %
Density (20°C)	1.354-1.357	1.35600
Optical Rotation(c=1,in chloroform)	-133~-128 (°)	-128.00000 °
Refractive index n ₂₀ /D	1.468-1.471	1.46900
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