

Certificate of Analysis

Date of Testing: 2025-04-18 14:14:14

Date of Next Testing: 2027-04-08 14:14:14

Product Name: (S)-(+)- α -Methoxy- α -trifluoromethylphenylacetyl chloride

CAS Number: 20445-33-4

Specifications & Purity: $\geq 98\%$ (GC)

Lot #: I2206862

SKU # M113469

Version 0

Analysis #: 499176

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

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in Toluene})$	145-152 (°)	146.20°
Refractive index $n_{20/D}$	1.467-1.47	1.47
Density (20°C)	1.354-1.357	1.35
Purity(GC)	98-100 (%)	99.00 %
Appearance (M113469)	Colorless to light yellow liquid	Colorless to light yellow liquid



John Su
QA & QC Manager