

Certificate of Analysis

Date of Testing: 2025-04-11 10:59:12

Date of Next Testing: 2027-04-11 10:59:12

Product Name: **Ethyl 4,4-difluorocyclohexanecarboxylate**

CAS Number: 178312-47-5

Specifications & Purity: $\geq 97\%$

Lot #: G2312938

SKU #: **E138390**

Version **0**

Analysis #: **493125**

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	99.60 %
Appearance (E138390)	Colorless to light yellow liquid	Colorless to light yellow liquid
Fluorine NMR Spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager