

Certificate of Analysis

Date of Testing: 2025-04-11 09:46:34
 Date of Next Testing: 2027-04-11 09:46:34
 Product Name: **N-Boc-4,4-Difluoro-L-proline methyl ester**
 CAS Number: 203866-17-5
 Specifications & Purity: $\geq 97\%$
 Lot #: G2307724
 SKU #: **N138449**
 Version: **0**
 Analysis #: **493055**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	-54--48 (°)	-53.80 °
Purity(GC)	97-100 (%)	98.70 %
Appearance (N138449)	White to Beige Powder,Crystals and/or Chunks	White to Beige Powder,Crystals and/or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager