

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-18 09:45:05

Date of Next Testing: 2025-07-17 09:45:05

Product Name: **N-Boc-4,4-Difluoro-L-proline methyl ester**

CAS Number: 203866-17-5

Specifications & Purity: $\geq 97\%$

Lot #: G2307456

SKU #: **N138449**

Version: **0**

Analysis #: **232834**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	-54--48 (°)	-53.86000 °
Purity(GC)	97-100 (%)	98.76500 %
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