

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-15 15:41:23

Date of Next Testing: 2027-08-15 15:41:23

Product Name: **N-Boc-4,4-difluoro-L-proline**

CAS Number: 203866-15-3

Specifications & Purity: $\geq 97\%$

Lot #: J2327170

SKU #: **I137515**

Version: **0**

Analysis #: **554558**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	-45--42 ($^{\circ}$)	-42.01000 $^{\circ}$
Purity(GC)	97-100 (%)	99.13000 %
Appearance (I137515)	White to Tan Powder or Crystals	White to Tan Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager