

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-07-07 17:20:28
Date of Next Testing:	2025-07-06 17:20:28
Product Name:	N-(tert-Butoxycarbonyl)-3,4-difluoro-L-phenylalanine
CAS Number:	198474-90-7
Specifications & Purity:	≥95%
Lot #:	J2115436
SKU #	B133167
Analysis:	248715

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in MeOH)	4-6.5 (°)	6.24°
Purity(HPLC)	95-100 (%)	95.96100 %
Purity(Neutralization titration)	94.5-105.5 (%)	98.34 %
Appearance (B133167)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Fluorine NMR Spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager