

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-09-21 13:28:28

Date of Next Testing: 2030-09-20 13:28:28

Product Name: **BOC-D-4-Fluorophe**

CAS Number: 57292-45-2

Grades & Purity: $\geq 98\%$

Lot #: L2208341

SKU #: **B117077**

Version: **0**

Analysis #: **776102**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	84-88 (°C)	87.70000 °C
Purity(Neutralization titration)	97.5-102.5 (%)	99.60000 %
Purity(HPLC)	98-100 (%)	99.92000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in EtOH})$	-23--17 (°)	-20.49000 °
Appearance (B117077)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager