

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-18 15:16:20
 Date of Next Testing: 2030-06-17 15:16:20
 Product Name: **Fmoc-4-Nitro-L-Phenylalanine**
 CAS Number: 95753-55-2
 Specifications & Purity: $\geq 98\%$
 Lot #: I2201435
 SKU #: **F117093**
 Version: **1**
 Analysis #: **723354**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	-43--33 (°)	-37.87000 °
Melting point	213-223 (°C)	221.62800 °C
Purity(Neutralization titration)	98-102 (%)	99.99600 %
Purity(HPLC)	98-100 (%)	98.86400 %
Appearance (F117093)	White to Light yellow toyellow powder to crystal	White to Light yellow toyellow powder to crystal
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager