

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-06 12:07:48

Date of Next Testing: 2026-09-05 12:07:48

Product Name: **Fmoc-4-Nitro-L-Phenylalanine**

CAS Number: 95753-55-2

Specifications & Purity: $\geq 98\%$

Lot #: I2201451

SKU # **F117093**

Version **1**

Analysis #: **101839**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	-43 ~ -33 (°)	-37.87100°
Melting point	213-223 (°C)	221.63000 °C
Purity(Neutralization titration)	98-102 (%)	99.99800 %
Purity(HPLC)	98-100 (%)	98.86600 %
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