

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-15 14:56:24

Date of Next Testing: 2027-04-14 14:56:24

Product Name: **N-Fmoc-L- β -glutamic acid 5-tert-butyl ester**

CAS Number: 209252-17-5

Specifications & Purity: $\geq 97\%$

Lot #: D2308978

SKU # **F117047**

Analysis: **190846**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	98.39200 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in MeOH})}$	0.5-2.5 (°)	2.14 °
Appearance (F117047)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager