

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-25 13:29:55
 Date of Next Testing: 2027-08-24 13:29:55
 Product Name: **N-Fmoc-L-glutamic acid 5-methyl ester**
 CAS Number: 145038-50-2
 Specifications & Purity: $\geq 97\%$
 Lot #: A1604006
 SKU #: **F140154**
 Version: **0**
 Analysis #: **259842**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in MeOH})$	-15--9 ($^{\circ}$)	-10.96300 $^{\circ}$
Purity	97-100 (%)	99.43200 %
Appearance (F140154)	white powder or solid	white powder or solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager