

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-07 15:54:28

Date of Next Testing: 2027-03-06 15:54:28

Product Name: N-[(9H-Fluoren-9-ylmethoxy)carbonyl]-D-glutamic Acid

CAS Number: 104091-09-0

Specifications & Purity: $\geq 97\%$

Lot #: F1903088

SKU #: N159547

Version: 0

Analysis #: 195037

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	98.32200 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	18-22 (°)	21.24800 °
Appearance (N159547)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager