

Certificate of Analysis

Date of Testing: 2024-10-31 10:29:02

Date of Next Testing: 2027-10-31 10:29:02

Product Name: **Boc-L-glutamic acid alpha-9-fluorenylmethyl ester**

CAS Number: 133906-29-3

Specifications & Purity: $\geq 98\%$

Lot #: J2424521

SKU #: **B356472**

Version: **2**

Analysis #: **416328**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.64600 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	$-44.1 \sim -40.1 (^{\circ})$	-44.08°
Appearance (B356472)	White Powder or solid	white powder or solid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager