

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-15 10:33:27
 Date of Next Testing: 2027-11-15 10:33:27
 Product Name: **Boc-L-glutamic acid alpha-9-fluorenylmethyl ester**
 CAS Number: 133906-29-3
 Specifications & Purity: $\geq 98\%$
 Lot #: B2212289
 SKU #: **B356472**
 Version: **2**
 Analysis #: **436968**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.72800 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	$-44.1 \sim -40.1 (^{\circ})$	-40.12500°
Appearance (B356472)	White Powder or solid	white powder or solid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager