

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-17 09:45:29

Date of Next Testing: 2026-06-17 09:45:29

Product Name: **N-Boc-1-Boc-L-tryptophan**

CAS Number: 144599-95-1

Specifications & Purity: $\geq 95\%$

Lot #: B1714041

SKU #: **N132638**

Version: **0**

Analysis #: **369686**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	96.03100 %
Specific Rotation $[\alpha]_{20/D(c=3 \text{ in DMF})}$	-12.5--8.5 ($^{\circ}$)	-11.18000 $^{\circ}$
Mass spectrum	Conforms to standard	Conforms to standard
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager