

Certificate of Analysis

Date of Testing: 2023-07-12 16:38:49

Date of Next Testing: 2026-07-11 16:38:49

Product Name: **Boc-Ala-OH-1-¹³C**

CAS Number: 201740-78-5

Specifications & Purity: 99 atom% ¹³C

Lot #: G2305477

SKU #: **B473865**

Analysis: **240321**

Parameter	Limit Values	Result
Isotopic purity(¹³ C)	99-100 (atom%)	99.80 atom%
Purity(HPLC area)	98-100 (%)	99.00 %
specific rotation [α] _{20/D} (c=2 in acetic acid)	-25~-21 (°)	-23.00000 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager