

Certificate of Analysis

Date of Testing: 2024-05-09 13:22:22

Date of Next Testing: 2028-05-08 13:22:22

Product Name: **N α -Boc-L-Asparagine 4-nitrophenyl ester**

CAS Number: 4587-33-1

Specifications & Purity: $\geq 98.0\%$ (HPLC)

Lot #: I1626047

SKU #: **B113242**

Analysis: **355433**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.87000 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in DMF})}$	-38--34 (°)	-36.40 °
Appearance (B113242)	white to off-white powder, crystals and/or chunks	white to off-white powder, crystals and/or chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager