

Certificate of Analysis

Date of Testing: 2022-10-18 10:50:10

Date of Next Testing: 2026-10-17 10:50:10

Product Name: **Boc-Ile-OH**

CAS Number: 13139-16-7

Specifications & Purity: $\geq 99\%$

Lot #: J2213200

SKU #: **B102996**

Version: **0**

Analysis #: **107744**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	59-63 (°C)	61.11000 °C
Water by Karl Fischer	3-5 (%)	3.42 %
Purity(Neutralization titration)(calcd.on anh.substance)	99-100 (%)	99.20 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in AcOH})$	2.4-3 (°)	2.40 °
Appearance (B102996)	White to Off-White Powder or Chunks	White to Off-White Powder or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH	almost transparency	almost transparency



John Su
QA & QC Manager