

Certificate of Analysis

Date of Testing: 2024-01-02 11:12:47

Date of Next Testing: 2028-01-01 11:12:47

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

CAS Number: 13139-16-7

Specifications & Purity: 99%

Lot #: D2001156

SKU #: **B102996**

Analysis: **309929**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	59-70 (°C)	60.98000 °C
Purity(Neutralization titration)(calcd.on anh.substance)	99-100 (%)	99.10 %
Water by Karl Fischer	<=0.5(%)	0.26 %
Specific Rotation [α] _{20/D} (c=2 in AcOH)	2.4-3 (°)	2.60 °
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