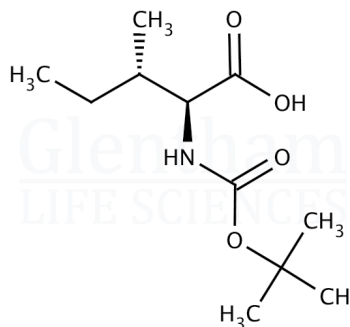


Certificate of Analysis

Product Name Boc-Ile-OH
Glentham Code GM4410
CAS Number 13139-16-7
EINECS 236-074-8
MDL Number MFCD00038324
PubChem SID 310268227
Additional CAS 204138-23-8 ($\cdot xH_2O$)
Batch Number 327YNS

Molecular Weight 231.06 (anhydrous)
Molecular Formula $C_{11}H_{21}NO_4 \cdot xH_2O$
Storage Temp. +20°C



Property	Specification	Batch 327YNS
Physical Description	White to almost white powder or crystals	White powder
Identification (IR)	To conform to standard	Conforms
Solubility (10% in DMF)	Clear, colourless solution	Clear, colourless solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	+8.0 - +12.0 ° (c=1, ethanol)	+11.2°
Melting Point	55.0 - 65.0 °C	60.8°C
Water (KF)	≤ 5.0%	3.7%
Purity (HPLC)	≥ 98.0%	99.9%

Specification Version v1.0
Manufacture Date 2022-07-25
Re-Test Date 2030-11-02

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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