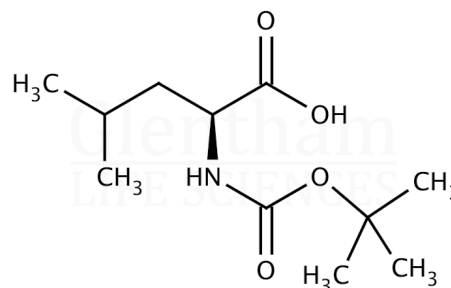


Certificate of Analysis

Product Name	Boc-Leu-OH hydrate
Glentham Code	GM1662
CAS Number	13139-15-6
EINECS	236-073-2
MDL Number	MFCD00066067
PubChem SID	310268243
Additional CAS	53296-34-7 (\cdot H ₂ O)
Additional CAS	200936-87-4 (\cdot xH ₂ O)
Batch Number	891YAW

Molecular Weight	231.29 (anhydrous)
Molecular Formula	C ₁₁ H ₂₁ NO ₄ \cdot xH ₂ O
Storage Temp.	+4°C



Property	Specification	Batch 891YAW
Physical Description	White to almost white powder	White powder
Solubility (10% in DMF)	Clear, colourless solution	Conforms
Specific Optical Rotation ($[\alpha]_{20/D}$)	-23.0 - -27.0 ° (c=2, acetic acid)	-24.24 °
Melting Point	82.0 - 90.0 °C	85.6 - 89.3 °C
Water (KF)	≤ 9.0%	7.22%
Assay (Titration)	≥ 98.0%	99.69%

Specification Version	v1.0
Manufacture Date	2021-01-09
Re-Test Date	2030-03-08

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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