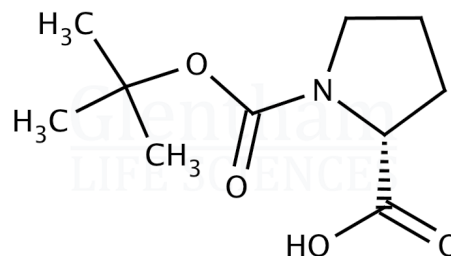


Certificate of Analysis

Product Name	N-Boc-D-proline
Glentham Code	GM9500
CAS Number	37784-17-1
MDL Number	MFCD00063226
PubChem SID	310268406
Batch Number	249ECU
Molecular Weight	215.25
Molecular Formula	$C_{10}H_{17}NO_4$
Storage Temp.	+4°C



Property	Specification	Batch 249ECU
Physical Description	White powder or crystals	White crystals
Solubility (10% in DMF)	Clear, colourless solution	Clear, colourless solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	+58.0 - +62.0 ° (c=2, acetic acid)	+60.2 °
Melting Point	132.0 - 137.0 °C	134.1 - 135.8 °C
L-Enantiomer	≤ 0.5%	0.0463%
Water (KF)	≤ 2.0%	0.19%
Purity (HPLC)	≥ 98.0%	99.79%

Specification Version	v1.0
Manufacture Date	2017-10-28
Re-Test Date	2027-06-25

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025