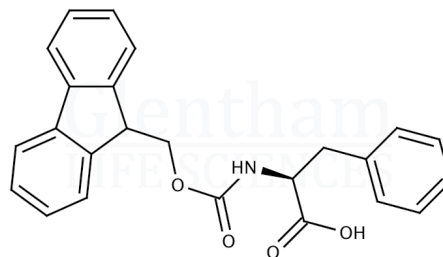


Certificate of Analysis

Product Name	Fmoc-Phe-OH
Glentham Code	GM5097
CAS Number	35661-40-6
EINECS	252-661-1
MDL Number	MFCD00037128
PubChem SID	310273768
Batch Number	492NVQ
Molecular Weight	387.44
Molecular Formula	C ₂₄ H ₂₁ NO ₄
Storage Temp.	+4°C



Property	Specification	Batch 492NVQ
Physical Description	White powder	White powder
Solubility (10% in DMF)	Clear, colourless solution	Conforms
Specific Optical Rotation ([α] ₂₀ /D)	-40.5 - -35.5 °	-40.2°
Melting Point	180.0 - 190.0 °C	186.3°C
Water (KF)	≤ 2.0%	0.1%
D-Enantiomer	≤ 0.3%	0.0%
Purity (TLC)	≥ 98%	Conforms
Purity (HPLC)	≥ 99.0%	99.7%

Specification Version	v1.0
Manufacture Date	2023-11-27
Re-Test Date	2030-04-15

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