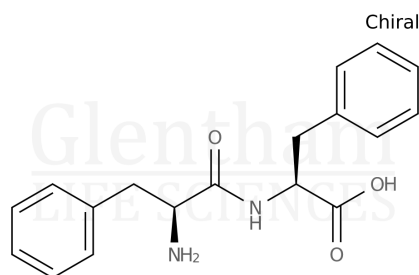


Certificate of Analysis

Product Name	Phe-Phe-OH
Glentham Code	GH5926
CAS Number	2577-40-4
MDL Number	MFCD00063154
Batch Number	597HDD
Molecular Weight	312.36 (anhydrous basis)
Molecular Formula	$C_{18}H_{20}N_2O_3 \cdot xH_2O$
Storage Temp.	-20°C



Property	Specification	Batch 597HDD
Physical Description	White to off-white powder	White fine powder
Solubility (5% in 80% acetic acid)	Clear, colourless to very faint yellow solution	Clear, colourless solution
Specific Optical Rotation ([α] _{25/D})	+36.5 - +43.5 ° (c=2, acetic acid)	+38.5 °
Loss on Drying	≤ 10.0%	Conforms
Assay	97.5 - 102.5 % (dried basis)	99.21%

Specification Version	v1.0
Manufacture Date	2019-01-01
Re-Test Date	2028-01-18

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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