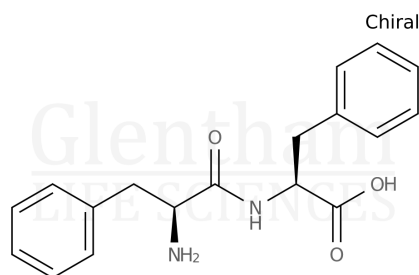


## Certificate of Analysis

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] <sub>25/D</sub> )	+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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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