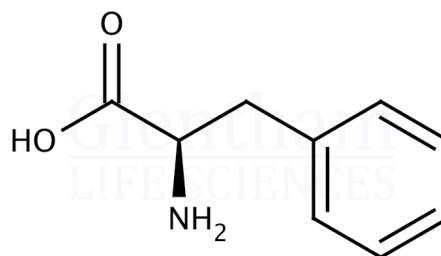


Certificate of Analysis

Product Name D-Phenylalanine
Glenthams Code GM8043
CAS Number 673-06-3
EINECS 211-603-5
MDL Number MFCD00004270
PubChem SID 310278757
Batch Number 069ZBP

Molecular Weight 165.19
Molecular Formula $C_9H_{11}NO_2$
Storage Temp. +20°C



Property	Specification	Batch 069ZBP
Physical Description	White or off-white powder	White powder
Solubility (2.5% in water)	Clear to faintly turbid, colourless to faint yellow solution	Clear, colourless solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	+32.5 - +35.5 ° (c=1, water)	+34.3°
Residue on Ignition	≤ 0.1%	0.09%
Loss on Drying	≤ 1.0%	0.12%
Assay	98.0 - 102.0 %	99.82%

Specification Version v1.0
Manufacture Date 2019-09-10
Re-Test Date 2028-02-26

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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