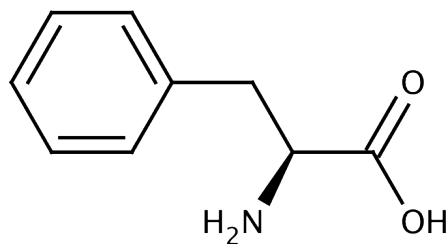


## Product Specification

Product Name : L-Phenylalanine  
Glentham Code : GM4385  
CAS Number : 63-91-2  
EINECS : 200-568-1  
MDL Number : MFCD00064227  
PubChem SID : 310278758

Molecular Weight : 165.19  
Molecular Formula : C<sub>9</sub>H<sub>11</sub>NO<sub>2</sub>  
Storage Temp. : +20°C



Property	Specification
Physical Description	White crystals or crystalline powder
Assay	99.0 - 101.0 %
Specific Optical Rotation	-35.2 - -33.2 °
Identification	IR
Loss on Drying	≤ 0.2%
Residue on Ignition	≤ 0.1%
pH	5.4 - 6.0
Heavy Metals (as Pb)	≤ 20ppm
Lead (Pb)	≤ 3ppm
Arsenic (As)	≤ 1ppm
Mercury (Hg)	≤ 0.1ppm
Cadmium (Cd)	≤ 1ppm
Specification Version	: v1.0
Date Created	: 2013-07-26

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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