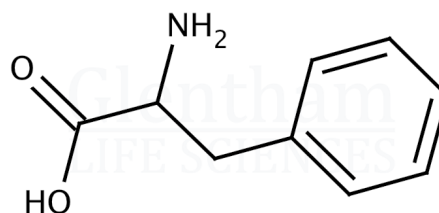


## Certificate of Analysis

Product Name DL-Phenylalanine  
Glentham Code GM5287  
CAS Number 150-30-1  
EINECS 205-756-7  
Numéro MDL MFCD00064225  
PubChem SID 310272433  
Batch Number 023DOR

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



Property	Specification	Batch 023DOR
Physical Description	White to almost white powder or crystals	White powder
Identification (IR)	To conform to standard	Conforms
Solubility (5% in 2M HCl)	Clear, colourless to faint yellow solution	Clear, colourless solution
Residue on Ignition	≤ 0.3%	0.2%
Lead (Pb)	≤ 3ppm	Conforms
Arsenic (As)	≤ 1ppm	Conforms
Mercury (Hg)	≤ 0.1ppm	Conforms
Cadmium (Cd)	≤ 1ppm	Conforms
Loss on Drying	≤ 1.0%	0.2%
Assay (Titration)	98.5 - 101.5 %	99.3%

Specification Version v1.1  
Manufacture Date 2022-09-07  
Re-Test Date 2030-06-08

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025