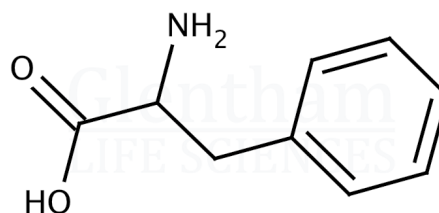


## Certificate of Analysis

Product Name	DL-Phenylalanine
Glentham Code	GM5287
CAS Number	150-30-1
EINECS	205-756-7
MDL Number	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.

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