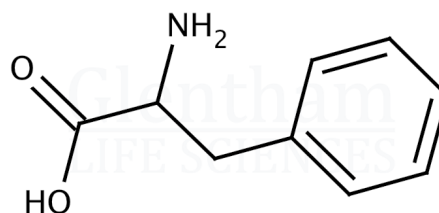


Certificate of Analysis

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 or contact us using the details above for the current version of this document.

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