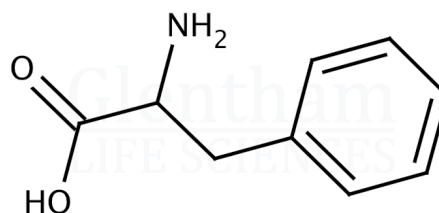


Certificate of Analysis

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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