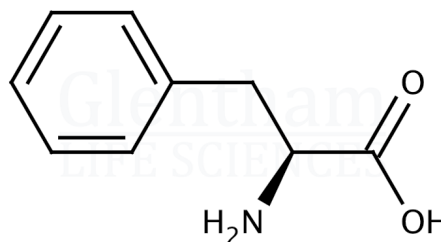


Certificate of Analysis

Product Name L-Phenylalanine
Glentham Code GM4385
CAS Number 63-91-2
EINECS 200-568-1
MDL-Nummer MFCD00064227
PubChem SID 310278758
Batch Number 426KBT

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



Property	Specification	Batch 426KBT
Physical Description	White crystals or crystalline powder	White crystalline powder
Assay	99.0 - 101.0 %	99.64%
Specific Optical Rotation	-35.2 - -33.2 °	-34.25 °
Identification	IR	Entspricht
Loss on Drying	≤ 0.2%	0.11%
Residue on Ignition	≤ 0.1%	0.06%
pH	5.4 - 6.0	5.6
Heavy Metals (as Pb)	≤ 20ppm	Entspricht
Lead (Pb)	≤ 3ppm	Entspricht
Arsenic (As)	≤ 1ppm	Entspricht
Mercury (Hg)	≤ 0.1ppm	Entspricht
Cadmium (Cd)	≤ 1ppm	Entspricht

Specification Version v1.0
Manufacture Date 2021-10-20
Re-Test Date 2029-07-01

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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