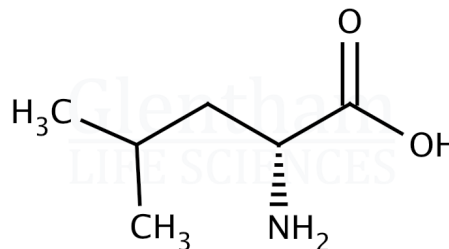


Certificate of Analysis

Product Name D-Leucine
Glentham Code GM7879
CAS Number 328-38-1
EINECS 206-327-7
MDL Number MFCD00063088
PubChem SID 310275744
Batch Number 653RMR

Molecular Weight 131.18
Molecular Formula $C_6H_{13}NO_2$
Storage Temp. +20°C



Property	Specification	Batch 653RMR
Physical Description	White to almost white powder	Conforms
Solubility (5% in 1M HCl)	Clear, colourless solution	Conforms
Specific Optical Rotation	-16.0 - -14.0 ° (c=4, 6M HCl)	-15.7°
Chloride (Cl)	≤ 0.02%	Conforms
Arsenic (As)	≤ 1ppm	Conforms
Heavy Metals (as Pb)	≤ 10ppm	Conforms
Residue on Ignition	≤ 0.1%	0.08%
Loss on Drying	≤ 0.5%	0.17%
Assay	98.5 - 101.5 %	99.2%

Specification Version v1.0
Manufacture Date 2017-05-11
Re-Test Date 2026-06-27

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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