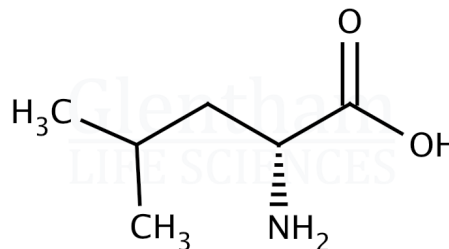


## Certificate of Analysis

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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