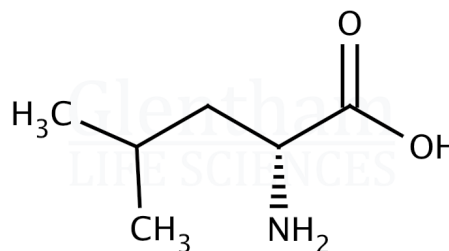


Certificate of Analysis

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024