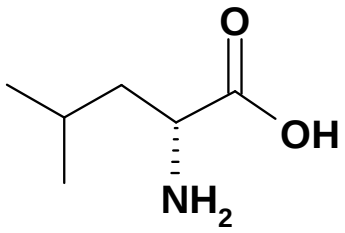
Product Specifications

Product Name	**D-Leucine**
Syn:	(*R*)-Leucine
CAS No.	**328-38-1**
Structure Formula	
Mol. Formula	**$C_6H_{13}NO_2$**
Mol. Weight	131.17

Test	*Specification*
Appearance	White, microcrystalline solid
Mp	**>** 290 (dec.)°C
Assay (hplc)	99.0% - 100.5%
Specific rotation, $[\alpha]_D$	− 11 ^{0} (H_2O)
Ash	< 0.1%
LOD	**≤** 0.5 %
Heavy metals (Pb)	≤ 20 ppm
As	≤ 2 ppm
Other amino acids	Not detectable