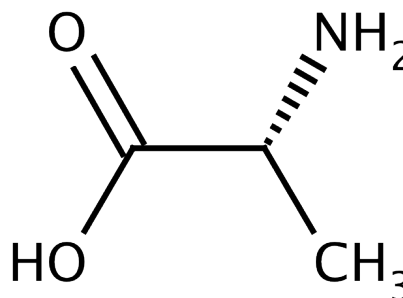


## Product Specification

Product Name : D-Alanine  
Glentham Code : GM9575  
CAS Number : 338-69-2  
EINECS : 206-418-1  
MDL Number : MFCD00008077  
PubChem SID : 310265935

Molecular Weight : 89.09  
Molecular Formula : C<sub>3</sub>H<sub>7</sub>NO<sub>2</sub>  
Storage Temp. : +20°C



Property	Specification
Physical Description	White crystalline powder
Solubility (5% in water)	Clear, colourless solution
Specific Optical Rotation ( $[\alpha]_{20/D}$ )	-16.5 - -13.5 ° (c=10, 6M HCl)
Chloride (Cl)	≤ 0.1%
Heavy Metals (as Pb)	≤ 10ppm
Residue on Ignition	≤ 0.2%
Loss on Drying	≤ 0.5%
Assay	98.0 - 101.0 % (anhydrous basis)

Specification Version : v1.0  
Date Created : 2016-11-24

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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