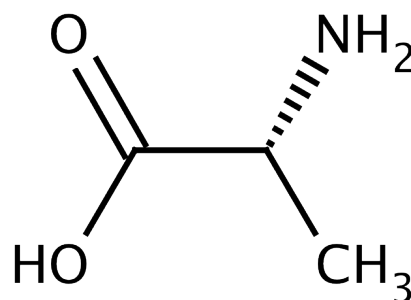


## Product Specification

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 ([ $\alpha$ ] <sub>20</sub> /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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