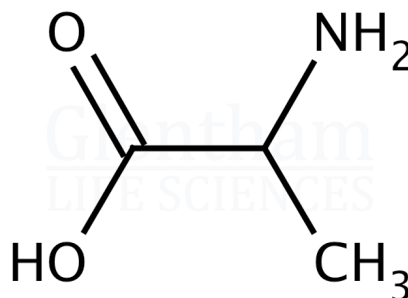


## Product Specification

Product Name	DL-Alanine
Glentham Code	GM4363
CAS Number	302-72-7
EINECS	206-126-4
MDL Number	MFCD00064408
PubChem SID	310270806
Molecular Weight	89.09
Molecular Formula	$C_3H_7NO_2$
Storage Temp.	+20°C



Property	Specification
Physical Description	White to almost white crystalline powder
Solubility (5% in water)	Clear, colourless solution
pH (5% in water)	5.5 - 7.0
Residue on Ignition	≤ 0.1%
Sulphate (SO <sub>4</sub> )	≤ 0.02%
Ammonium (NH <sub>4</sub> )	≤ 0.02%
Chloride (Cl)	≤ 0.02%
Heavy Metals	≤ 10ppm
Iron (Fe)	≤ 20ppm
Arsenic (As)	≤ 1ppm
Loss on Drying	≤ 0.2%
Assay	99.0 - 101.0 %

Specification Version	-	v1.0
Date Created	-	2016-08-15

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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