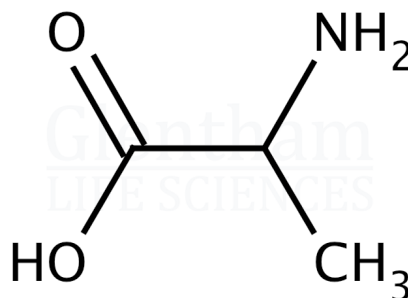


## Certificate of Analysis

Product Name	DL-Alanine
Glentham Code	GM4363
CAS Number	302-72-7
EINECS	206-126-4
MDL Number	MFCD00064408
PubChem SID	310270806
Batch Number	757KQU

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



Property	Specification	Batch 757KQU
Physical Description	White to almost white crystalline powder	White crystalline powder
Solubility (5% in water)	Clear, colourless solution	Clear, colourless solution
pH (5% in water)	5.5 - 7.0	6.25
Residue on Ignition	≤ 0.1%	0.06%
Sulphate (SO <sub>4</sub> )	≤ 0.02%	Conforms
Ammonium (NH <sub>4</sub> )	≤ 0.02%	Conforms
Chloride (Cl)	≤ 0.02%	Conforms
Heavy Metals	≤ 10ppm	Conforms
Iron (Fe)	≤ 20ppm	Conforms
Arsenic (As)	≤ 1ppm	Conforms
Loss on Drying	≤ 0.2%	0.13%
Assay	99.0 - 101.0 %	99.2%

Specification Version	v1.0
Manufacture Date	2021-06-30
Re-Test Date	2029-08-27

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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