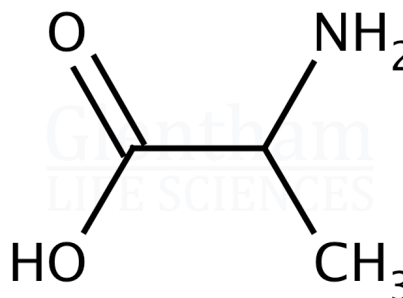


Certificate of Analysis

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 ₃ H ₇ NO ₂
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 ₄)	≤ 0.02%	Conforms
Ammonium (NH ₄)	≤ 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 or contact us using the details above for the current version of this document.

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