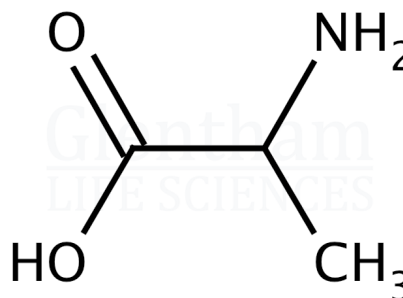


Certificate of Analysis

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 $C_3H_7NO_2$
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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