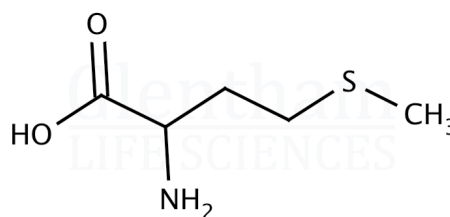


## Certificate of Analysis

Product Name	DL-Methionine
Glentham Code	GM2607
CAS Number	59-51-8
EINECS	200-432-1
MDL Number	MFCD00063096
PubChem SID	310272332
Batch Number	268WZE
Molecular Weight	149.21
Molecular Formula	$C_5H_{11}NO_2S$
Storage Temp.	+20°C



Property	Specification	Batch 268WZE
Physical Description	Almost white, crystalline powder or small flakes	Almost white, crystalline powder
Assay	99.0 - 101.0 % (dried basis)	99.6%
Residue on Ignition	≤ 0.1%	0.05%
Loss on Drying	≤ 0.5%	0.18%
Arsenic (As)	≤ 1ppm	≤ 1ppm
Heavy Metals (as Pb)	≤ 10ppm	≤ 10ppm
Lead (Pb)	≤ 3ppm	≤ 3ppm
Cadmium (Cd)	≤ 1ppm	≤ 1ppm
Chloride (Cl)	≤ 0.02%	≤ 0.02%
Solubility	1g in 50ml water: Clear, colourless solution	Clear, colourless solution
pH	5.4 - 6.1 (2% solution)	5.7
Related Substances	≤ 0.2%	≤ 0.2%
Ammonium (NH4)	≤ 0.1%	≤ 0.1%
Pharmacopoeia Specification(s)	EP	Conforms

Specification Version	v1.0
Manufacture Date	2022-06-07
Re-Test Date	2029-07-25

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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