

## Product Datasheet

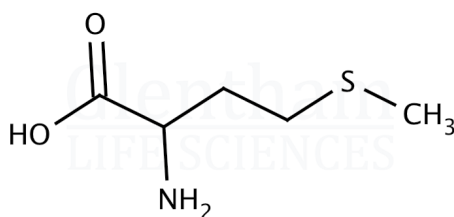
### GM2607 - DL-Methionine

#### Product Details

Product Name	DL-Methionine
Glentham Code	GM2607
CAS Number	59-51-8
EINECS	200-432-1
MDL Number	MFCD00063096
PubChem SID	310272332
Related Categories	Amino Acids, Biochemicals, Cosmetic Raw Materials

#### Structure

Molecular Weight	: 149.21
Molecular Formula	: C <sub>5</sub> H <sub>11</sub> NO <sub>2</sub> S



Physical Description	: Almost white, crystalline powder or small flakes
Assay	: 99.0 - 101.0 % (dried basis)
Residue on Ignition	: ≤ 0.1%
Loss on Drying	: ≤ 0.5%
Arsenic (As)	: ≤ 1ppm
Heavy Metals (as Pb)	: ≤ 10ppm
Lead (Pb)	: ≤ 3ppm
Cadmium (Cd)	: ≤ 1ppm
Chloride (Cl)	: ≤ 0.02%
Solubility	: 1g in 50ml water: Clear, colourless solution
pH	: 5.4 - 6.1 (2% solution)
Related Substances	: ≤ 0.2%
Ammonium (NH <sub>4</sub> )	: ≤ 0.1%
Pharmacopoeia Specification(s)	: EP
Version	: v1.0

#### About DL-Methionine

No further details on record.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

#### Glentham Product Specification

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