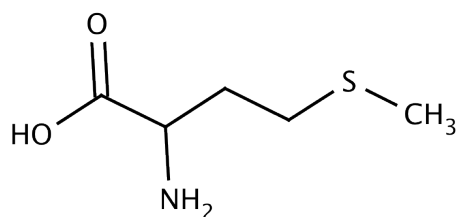


Product Specification

Product Name : DL-Methionine
Glentham Code : GM2607
CAS Number : 59-51-8
EINECS : 200-432-1
MDL Number : MFCD00063096
PubChem SID : 310272332

Molecular Weight : 149.21
Molecular Formula : C₅H₁₁NO₂S
Storage Temp. : +20°C



| Property | Specification |
|--------------------------------|--|
| 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 ₄) | ≤ 0.1% |
| Pharmacopoeia Specification(s) | EP |

Specification Version : v1.0
Date Created : 2014-01-03

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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