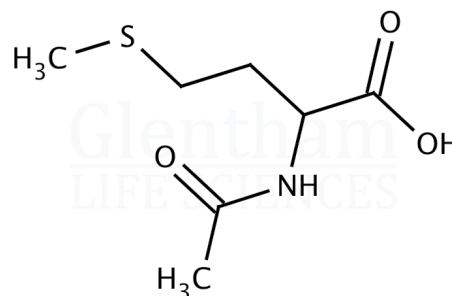


## Product Specification

|                   |                        |
|-------------------|------------------------|
| Product Name      | N-Acetyl-DL-methionine |
| Glentham Code     | GM6415                 |
| CAS Number        | 1115-47-5              |
| EINECS            | 214-224-3              |
| MDL-Nummer        | MFCD00008681           |
| PubChem SID       | 310265550              |
| Molecular Weight  | 191.25                 |
| Molecular Formula | $C_7H_{13}NO_3S$       |
| Storage Temp.     | +4°C                   |



| Property                                        | Specification                                        |
|-------------------------------------------------|------------------------------------------------------|
| Physical Description                            | White to almost white crystalline powder or crystals |
| Identification (IR)                             | To conform to standard                               |
| pH (1% in water)                                | 1.7 - 3.0                                            |
| Specific Optical Rotation ( $[\alpha]_{20/D}$ ) | -1.0 - +1.0 ° (c=0.4, methanol)                      |
| Residue on Ignition                             | ≤ 0.3%                                               |
| Loss on Drying                                  | ≤ 1.0% (105°C)                                       |
| Assay                                           | 98.5 - 101.5 %                                       |

|                       |              |
|-----------------------|--------------|
| Specification Version | - v1.0       |
| Date Created          | - 2014-09-24 |

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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