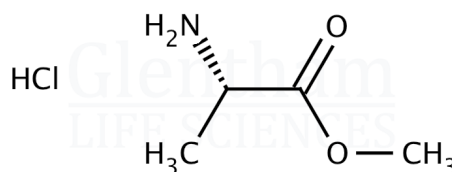


## Product Specification

|                   |                                      |
|-------------------|--------------------------------------|
| Product Name      | L-Alanine methyl ester hydrochloride |
| Glentham Code     | GM3770                               |
| CAS Number        | 2491-20-5                            |
| EINECS            | 219-652-4                            |
| MDL-Nummer        | MFCD00063663                         |
| PubChem SID       | 310265945                            |
| Molecular Weight  | 139.58                               |
| Molecular Formula | $C_4H_9NO_2 \cdot HCl$               |
| Storage Temp.     | +20°C                                |



| Property                  | Specification                                   |
|---------------------------|-------------------------------------------------|
| Physical Description      | White to off-white powder or solid, hygroscopic |
| Assay                     | ≥ 99.0%                                         |
| Specific Optical Rotation | +6.0 - +8.0 ° (c=1.6, methanol)                 |
| TLC                       | One spot                                        |
| Specification Version     | - v1.0                                          |
| Date Created              | - 2014-08-14                                    |

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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