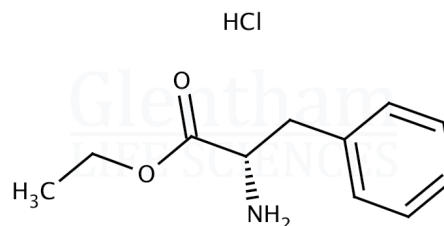


## Certificate of Analysis

Product Name L-Phenylalanine ethyl ester hydrochloride  
Glentham Code GM3785  
CAS Number 3182-93-2  
EINECS 221-673-9  
MDL-Nummer MFCD00012507  
PubChem SID 310278762  
Batch Number 040FOV

Molecular Weight 229.71  
Molecular Formula  $C_{11}H_{15}NO_2 \cdot HCl$   
Storage Temp. +20°C



| Property                  | Specification                                        | Batch 040FOV |
|---------------------------|------------------------------------------------------|--------------|
| Physical Description      | White or almost white powder, or colourless crystals | Entspricht   |
| Melting Point             | 153.0 - 157.0 °C                                     | ***          |
| Specific Optical Rotation | +31.0 - +36.0 ° (c=5, EtOH)                          | +33.5°       |
| Loss on Drying            | ≤ 1.0%                                               | 0.21%        |
| Assay                     | 98.5 - 101.5 %                                       | 99.6%        |

Specification Version v1.0  
Manufacture Date 2018-01-05  
Re-Test Date 2028-05-21

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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