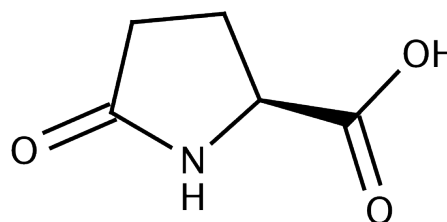


## Product Specification

Product Name : L-Pyroglutamic acid  
Glentham Code : GM2961  
CAS Number : 98-79-3  
EINECS : 202-700-3  
MDL Number : MFCD00005272  
PubChem SID : 310279484

Molecular Weight : 129.12  
Molecular Formula : C<sub>5</sub>H<sub>7</sub>NO<sub>3</sub>  
Storage Temp. : +20°C



| Property  | Specification                            |
|---|--|
| Physical Description                            | White or almost white crystalline powder |
| Solubility (10% in water)                       | Clear, colourless solution               |
| Specific Optical Rotation ( $[\alpha]_{20/D}$ ) | -8.0 - -12.0 ° (c=5, water)              |
| Melting Point                                   | 155 - 163 °C                             |
| Assay (Titration)                               | 98.0 - 102.0 %                           |

Specification Version : v1.0  
Date Created : 2014-03-25

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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