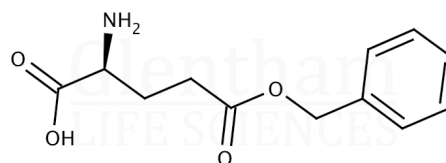


Certificate of Analysis

Product Name L-Glutamic acid gamma-benzyl ester
Glentham Code GM4212
CAS Number 1676-73-9
EINECS 216-826-1
MDL Number MFCD00002633
PubChem SID 310274216
Batch Number 156UQW

Molecular Weight 237.26
Molecular Formula $C_{12}H_{15}NO_4$
Storage Temp. +4°C



Property	Specification	Batch 156UQW
Physical Description	White crystalline powder	White crystalline powder
Solubility (2% in Acetic acid)	Clear, colourless solution	Clear, colourless solution
Specific Optical Rotation	+25.0 - +29.0 ° (c=1, 1M HCl)	+28.2°
Melting Point	172.0 - 180.0 °C	173.5 - 174.1 °C
Loss on Drying	≤ 0.5%	0.36%
Assay	≥ 98.5%	99.1%

Specification Version v1.0
Manufacture Date 2021-03-23
Re-Test Date 2029-06-15

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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