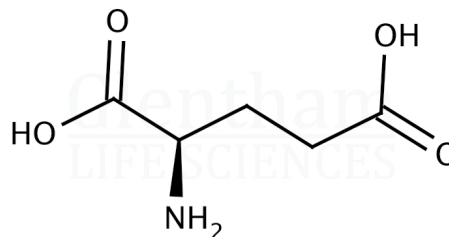


Certificate of Analysis

Product Name D-Glutamic acid
Glentham Code GE7245
CAS Number 6893-26-1
EINECS 230-000-8
MDL Number MFCD00063112
PubChem SID 310274213
Batch Number 126IGT

Molecular Weight 147.13
Molecular Formula $C_5H_9NO_4$
Storage Temp. +20°C



Property	Specification	Batch 126IGT
Physical Description	White to almost white powder	White powder
Solubility (5% in 1M HCl)	Clear, colourless solution	Conforms
Specific Optical Rotation ($[\alpha]_{20/D}$)	-33.0 - -29.0 ° (c=5, 5M HCl)	-31.2°
Residue on Ignition	≤ 0.2%	0.09%
Chloride (Cl)	≤ 0.02%	Conforms
Heavy Metals (as Pb)	≤ 10ppm	Conforms
Loss on Drying	≤ 0.5%	0.13%
Assay	99.0 - 101.0 %	99.43%

Specification Version v1.0
Manufacture Date 2016-12-03
Re-Test Date 2025-09-08

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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