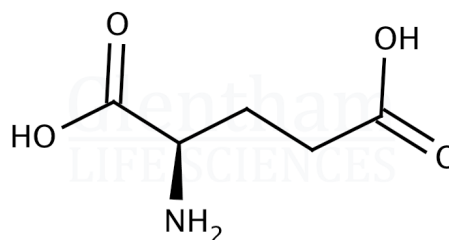


Certificate of Analysis

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	1261GT
Molecular Weight	147.13
Molecular Formula	C ₅ H ₉ NO ₄
Storage Temp.	+20°C



Property	Specification	Batch 1261GT
Physical Description	White to almost white powder	White powder
Solubility (5% in 1M HCl)	Clear, colourless solution	Conforms
Specific Optical Rotation ([α] _D ²⁰)	-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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