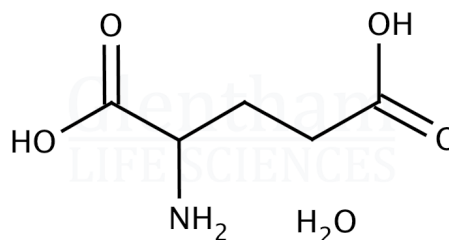


Certificate of Analysis

Product Name	DL-Glutamic acid monohydrate
Glentham Code	GM4302
CAS Number	19285-83-7
EINECS	210-522-2
MDL Number	MFCD00150703
PubChem SID	310271206
Batch Number	319CZN
Molecular Weight	165.15
Molecular Formula	$C_5H_9NO_4 \cdot H_2O$
Storage Temp.	+20°C



Property	Specification	Batch 319CZN
Physical Description	White powder	White powder
Solubility (10% in 1M HCl)	Clear, colourless solution	Clear, colorless solution
Water	8.5 - 15.5 %	11.0%
Assay	98.0 - 101.0 % (dried basis)	99.1%

Specification Version	v1.0
Manufacture Date	2022-12-20
Re-Test Date	2030-02-01

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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