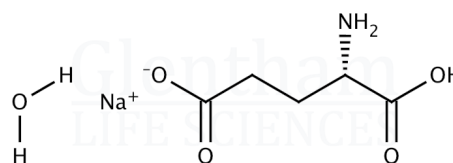


## Certificate of Analysis

Product Name	L-Glutamic acid monosodium salt monohydrate
Glentham Code	GM5912
CAS Number	6106-04-3
EINECS	205-538-1
MDL Number	MFCD00150138
Additional CAS	142-47-2 (anhydrous)
PubChem SID	310274228
Batch Number	501XMD
Molecular Weight	187.13
Molecular Formula	$C_5H_8NNaO_4 \cdot H_2O$
Storage Temp.	+20°C



Property	Specification	Batch 501XMD
Physical Description	White crystalline powder	Conforms
pH (10% aqueous solution)	6.7 - 7.2	Conforms
Loss on Drying	≤ 0.5%	Conforms
Specific Optical Rotation	24.8 - 25.3 °	Conforms
Chloride	≤ 0.04%	Conforms
Lead (Pb)	≤ 1ppm	Conforms
Arsenic (As)	≤ 1ppm	Conforms
Assay (HPLC)	≥ 99.0%	Conforms
Specification Version	v1.0	
Manufacture Date	2020-08-21	
Re-Test Date	2031-06-21	

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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