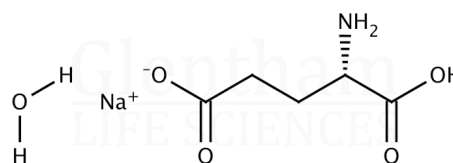


Certificate of Analysis

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 or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024