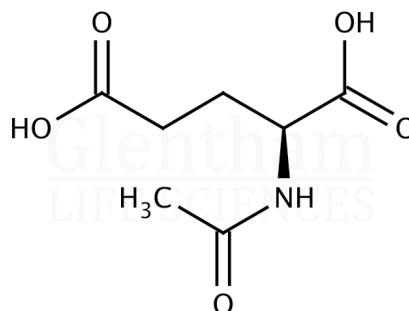


## Certificate of Analysis

Product Name	N-Acetyl-L-glutamic acid
Glenthams Code	GM2975
CAS Number	1188-37-0
EINECS	214-708-4
MDL Number	MFCD00002802
PubChem SID	310265623
Batch Number	577RLL

Molecular Weight	189.17
Molecular Formula	C <sub>7</sub> H <sub>11</sub> NO <sub>5</sub>
Storage Temp.	+4°C



Property	Specification	Batch 577RLL
Physical Description	White crystalline powder or crystals	White crystalline powder
Identification (IR)	To conform to standard	Conforms
Solubility (2% in water)	Clear, colourless solution	Clear, colourless solution
Specific Optical Rotation ([α] <sub>D</sub> <sup>20</sup> )	-14.0 - -17.0 ° (c=1, water)	-15.5°
Heavy Metals (as Pb)	≤ 20ppm	Conforms
Loss on Drying	≤ 1.0% (105°C, 1h)	0.8%
Assay (Titration)	≥ 98.0%	99.7%

Specification Version	v1.0
Manufacture Date	2022-01-04
Re-Test Date	2029-02-11

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glenthams.com](http://www.glenthams.com) or contact us using the details above for the current version of this document.

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