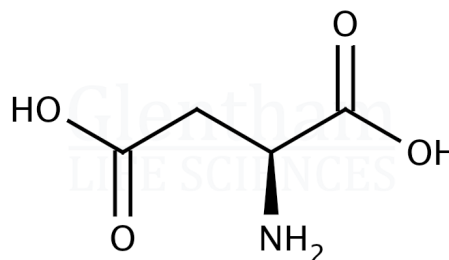


## Product Specification

Product Name	L-Aspartic acid, GlenCell™, suitable for cell culture
Glentham Code	GM0348
CAS Number	56-84-8
EINECS	200-291-6
Molecular Weight	133.10
Molecular Formula	C <sub>4</sub> H <sub>7</sub> NO <sub>4</sub>
Storage Temp.	+20°C



Property	Specification
Physical Description	White to almost white crystalline powder
Identification	A, B, C, D according to Ph. Eur.
Solubility (5% in 1M HCl)	Clear, colourless solution (≤ BY6)
Specific Optical Rotation ([α] <sub>D</sub> <sup>20</sup> )	+24.0 - +26.0 °
Ninhydrin-positive substances	≤ 0.3% (each)
Dicarboxylic acids	≤ 0.3%
Enantiomeric Impurity	≤ 0.3%
Chlorides	≤ 200ppm
Sulphates	≤ 300ppm
Ammonium	≤ 200ppm
Iron	≤ 10ppm
Loss on Drying	≤ 0.5%
Sulphated Ash	≤ 0.1%
Assay (Titration)	98.5 - 101.5 % (dried substance)
Pharmacopoeia Specification(s)	Ph. Eur.
Origin	non-animal
Specification Version	- v1.0
Date Created	- 2020-05-12

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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