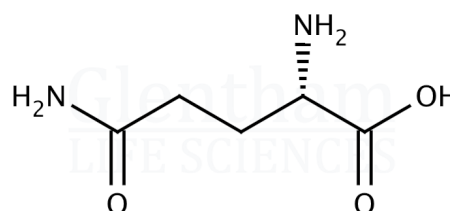


## Product Specification

Product Name	L-Alanyl-L-glutamine, GlenCell™, suitable for cell culture
Glentham Code	GE4398
CAS Number	39537-23-0
MDL-Nummer	MFCD00133046
Molecular Weight	217.22
Molecular Formula	$C_8H_{15}N_3O_4$
Storage Temp.	+20°C



Property	Specification
Physical Description	White crystalline powder
Identification	IR
Specific Optical Rotation ( $[\alpha]_{20/D}$ )	+9.0 - +11.0 °
pH	5.0 - 6.0
Chloride (Cl)	≤ 0.02%
Sulphate (SO4)	≤ 0.02%
Ammonium (NH4)	≤ 0.02%
Heavy Metals (as Pb)	≤ 5ppm
Arsenic (As2O3)	≤ 1ppm
Loss on Drying	≤ 0.5%
Sulphated Ash	≤ 0.1%
Bacterial Endotoxins	≤ 50EU/g
Assay (dried basis)	98.0 - 102.0 %
Origin	Non-animal origin

Specification Version	- v1.0
Date Created	- 2021-01-07

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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