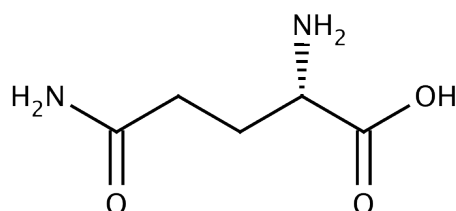


Product Specification

Product Name	L-Alanyl-L-glutamine, GlenCell, suitable for cell culture
Glentham Code	GE4398
CAS Number	39537-23-0
MDL Number	MFCD00133046
Molecular Weight	217.22
Molecular Formula	C ₈ H ₁₅ N ₃ O ₄
Storage Temp.	+20°C



Property	Specification
Physical Description	White crystalline powder
Identification	IR
Specific Optical Rotation ([α] _D ²⁰)	+9.0 - +11.0 °
pH	5.0 - 6.0
Chloride (Cl)	≤ 0.02%
Sulphate (SO ₄)	≤ 0.02%
Ammonium (NH ₄)	≤ 0.02%
Heavy Metals (as Pb)	≤ 5ppm
Arsenic (As ₂ O ₃)	≤ 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 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, 2021