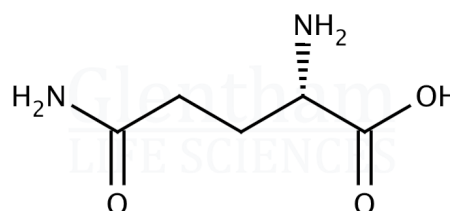


Product Specification

Product Name	L-Alanyl-L-glutamine, GlenCell™, suitable for cell culture, USP grade
Glentham Code	GH7706
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 /D)	+9.0 - +11.0 °
Residue on Ignition	≤ 0.1%
Chloride (Cl)	≤ 0.02%
Sulphate (SO ₄)	≤ 0.02%
Iron (Fe)	≤ 10ppm
Residual Solvents	According to USP
Ammonium (NH ₄)	≤ 0.02%
Related Compounds	According to USP
Loss on Drying	≤ 0.5%
Assay (dried basis)	98.0 - 102.0 %
Bacterial Endotoxins	≤ 50EU/g
Origin	Non-animal origin
Pharmacopoeia Specification(s)	USP

Specification Version	- v1.0
Date Created	- 2025-02-17

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.

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