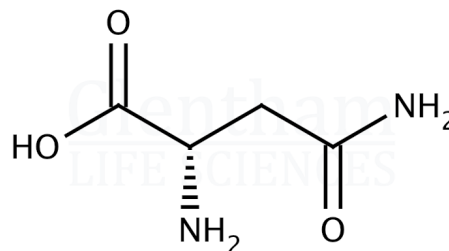


Product Specification

Product Name	L-Asparagine, anhydrous, USP-NF grade
Glentham Code	GM7514
CAS Number	70-47-3
EINECS	200-735-9
MDL-Nummer	MFCD00064401
Molecular Weight	132.12
Molecular Formula	$C_4H_8N_2O_3$
Storage Temp.	+20°C



Property	Specification
Physical Description	White crystalline powder
Identification (IR)	To conform to standard
Solubility (10% in 1M HCl)	Clear, colourless solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	+33.0 - +36.5 ° (c=1, 6M HCl)
Residue on Ignition	≤ 0.1%
Lead (Pb)	≤ 5ppm
Loss on Drying	≤ 1.0% (130°C, 3h)
Total Aerobic Microbial Count	≤ 1000CFU/g
Total Yeast and Mould Count	≤ 100CFU/g
Assay	98.0 - 101.5 %
Pharmacopoeia Specification(s)	USP

Specification Version	- v1.0
Date Created	- 2022-05-26

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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