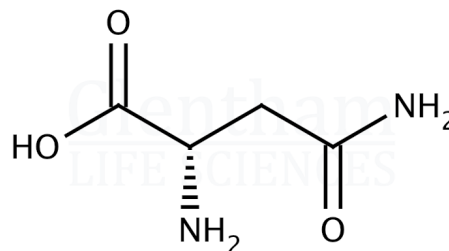


## Product Specification

Product Name	L-Asparagine, anhydrous, USP-NF grade
Glentham Code	GM7514
CAS Number	70-47-3
EINECS	200-735-9
MDL Number	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](http://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, 2024