

Product Datasheet

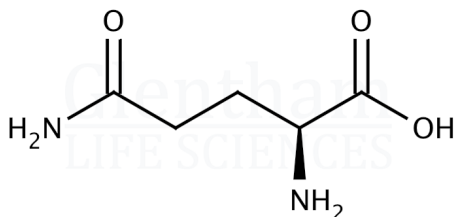
GM2001 - L-Glutamine, USP grade, non-animal origin

Product Details

Product Name	L-Glutamine, USP grade, non-animal origin
Glenthams Code	GM2001
CAS Number	56-85-9
EINECS	200-292-1
MDL Number	MFCD00008044
Related Categories	Amino Acids, Reagents for Cell Culture

Structure

Molecular Weight : 146.15
Molecular Formula : $C_5H_{10}N_2O_3$



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

Glenthams Product Specification

Physical Description	: White powder
Identification (IR)	: To conform to standard
Solubility (2.5% in water)	: Clear, colourless solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	: +6.3 - +7.3 °
Iron (Fe)	: ≤ 10ppm
Heavy Metals	: ≤ 10ppm
Chloride	: ≤ 0.05%
Sulphate	: ≤ 0.03%
Residue on Ignition	: ≤ 0.1%
Loss on Drying	: ≤ 0.3% (105°C, 3h)
Assay	: 99.0 - 101.0 % (dried basis)
Pharmacopoeia Specification(s)	: USP
Origin	: Fermentation from microbial source (non-animal origin)
Version	: v1.0

About L-Glutamine, USP grade, non-animal origin

No further details on record.

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