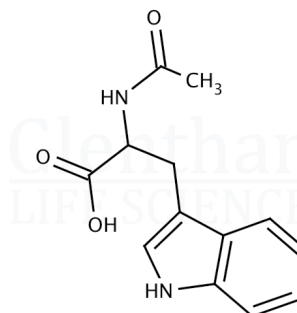


Product Specification

Product Name	N-Acetyl-DL-tryptophan, Ph. Eur. grade
Glentham Code	GM2191
CAS Number	87-32-1
EINECS	201-739-3
MDL Number	MFCD00005644
Molecular Weight	246.27
Molecular Formula	C ₁₃ H ₁₄ N ₂ O ₃
Storage Temp.	+20°C



Property	Specification
Physical Description	White or almost white, crystalline powder, or colourless crystals
Identification	A: To pass optical rotation test
Identification (IR)	B: To conform to standard
Identification (TLC)	C: To pass test
Identification	D: To pass heat test
Identification	E: Reaction of acetyl test
Appearance of Solution	1% in 4% NaOH: Clear, colourless solution (≤ Y7 or ≤ GY7)
Specific Optical Rotation ([α] _D 20/D)	-0.1 - +0.1 ° (c=10, 4% w/v NaOH)
Related Substances	≤ 0.25% (any individual impurity)
Total Impurities	≤ 0.5%
Ammonium (NH ₄)	≤ 200ppm
Iron (Fe)	≤ 10ppm
Heavy Metals (as Pb)	≤ 10ppm
Loss on Drying	≤ 0.5% (105°C)
Sulphated Ash	≤ 0.1%
Assay	99.0 - 101.0 % (dried basis)
Bacterial Endotoxins	≤ 50IU/g
Pharmacopoeia Specification(s)	Ph. Eur.

Specification Version	- v1.0
Date Created	- 2020-04-22

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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