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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

 $\begin{array}{ll} \mbox{Molecular Weight} & 246.27 \\ \mbox{Molecular Formula} & \mbox{C}_{13}\mbox{H}_{14}\mbox{N}_2\mbox{O}_3 \\ \mbox{Storage Temp.} & +20^{\circ}\mbox{C} \end{array}$

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]20/D) -0.1 - +0.1 ° (c=10, 4% w/v NaOH) Related Substances ≤ 0.25% (any individual impurity) Total Impurities ≤ 0.5% Ammonium (NH4) ≤ 200ppm Iron (Fe) ≤ 10ppm Heavy Metals (as Pb) ≤ 10ppm ≤ 0.5% (105°C) Loss on Drying Sulphated Ash 99.0 - 101.0 % (dried basis) Assav **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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