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Product Specification

Product Name L-Tryptophan, GlenCell™, suitable for

cell culture

 Glentham Code
 GM0192

 CAS Number
 73-22-3

 EINECS
 200-795-6

 MDL Number
 MFCD00064340

 $\begin{array}{ll} \mbox{Molecular Weight} & 204.23 \\ \mbox{Molecular Formula} & \mbox{C}_{11}\mbox{H}_{12}\mbox{N}_2\mbox{O}_2 \\ \mbox{Storage Temp.} & +20\ensuremath{\,^{\circ}\text{C}} \end{array}$

Property Specification Physical Description White to light yellow crystals or crystalline powder Identification (IR) To conform to standard Solubility Sparingly soluble in water, slightly soluble in ethanol Solubility (1% in 1M HCI) Clear, colourless to yellow solution Transmittance ≥ 95.0% (2.5% in water, 430nm, 10mm cell) Specific Optical Rotation -30.5 - -32.5 ° (C=1, H2O) Chloride (CI) ≤ 0.02% ≤ 0.02% Ammonium (NH4) ≤ 0.02% Sulphate (SO4) Iron (Fe) ≤ 10ppm Heavy Metals (as Pb) ≤ 10ppm Arsenic (As2O3) ≤ 1ppm Related Substances To pass test ≤ 0.2% Loss on Drying Sulphated Ash ≤ 0.1% Hq 5.5 - 6.4 (1% in water) **Endotoxins** ≤ 6.0EU/g Assay 99.0 - 101.0 % Pharmacopoeia Specification(s) USP. EP Origin Non-animal origin

Specification Version - v1.0

Date Created - 2016-04-22

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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