

Product Datasheet

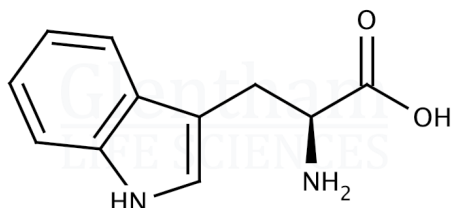
GM0192 - L-Tryptophan, GlenCell™, suitable for cell culture

Product Details

Product Name	L-Tryptophan, GlenCell™, suitable for cell culture
Glenthams Code	GM0192
CAS Number	73-22-3
EINECS	200-795-6
MDL Number	MFCD00064340
Related Categories	Amino Acids, Biochemicals, Reagents for Cell Culture

Structure

Molecular Weight	: 204.23
Molecular Formula	: C ₁₁ H ₁₂ N ₂ O ₂



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 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 HCl)	: Clear, colourless to yellow solution
Transmittance	: ≥ 95.0% (2.5% in water, 430nm, 10mm cell)
Specific Optical Rotation	: -30.5 - -32.5 ° (C=1, H ₂ O)
Chloride (Cl)	: ≤ 0.02%
Ammonium (NH ₄)	: ≤ 0.02%
Sulphate (SO ₄)	: ≤ 0.02%
Iron (Fe)	: ≤ 10ppm
Heavy Metals (as Pb)	: ≤ 10ppm
Arsenic (As ₂ O ₃)	: ≤ 1ppm
Related Substances	: To pass test
Loss on Drying	: ≤ 0.2%
Sulphated Ash	: ≤ 0.1%
pH	: 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
Version	: v1.0

About L-Tryptophan, GlenCell™, suitable for cell culture

Tryptophan is an alpha-amino acid that is essential in humans. It is used in the biomanufacturing of recombinant proteins and monoclonal antibodies. It is an important constituent in cell culture media.

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2024