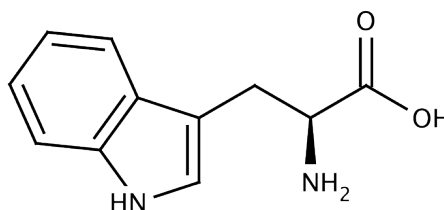


Product Specification

Product Name : L-Tryptophan
Glentham Code : GM0674
CAS Number : 73-22-3
EINECS : 200-795-6
MDL Number : MFCD00064340
PubChem SID : 310281481

Molecular Weight : 204.23
Molecular Formula : C₁₁H₁₂N₂O₂
Storage Temp. : +20°C



Property	Specification
Physical Description	White to off-white powder
Identification	IR
pH (1% solution)	5.5 - 7.0
Specific Optical Rotation	-29.4 - -32.8 °
Loss on Drying	≤ 0.3%
Residue on Ignition	≤ 0.1%
Chloride	≤ 0.05%
Sulphate	≤ 0.03%
Iron	≤ 30ppm
Heavy Metals	≤ 15ppm
Lead (Pb)	≤ 3ppm
Cadmium (Cd)	≤ 1ppm
Arsenic (As)	≤ 1ppm
Mercury (Hg)	≤ 0.1ppm
Assay	≥ 99.0%
Pharmacopoeia Specification(s)	USP

Specification Version : v1.1
Date Created : 2015-02-16

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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