

1133 – DL-TRYPTOPHAN, 99% + PURITY, CRYSTALLINE

REF NO: TBL/QA/SS/LC/1133	STANDARD SPECIFICATION FOR DL-TRYPTOPHAN, 99% + PURITY, CRYSTALLINE	Rev. No: 03
Issue No: 04		Review Date: 14/11/2024
Issue Date:15/11/2021		Product code: 1133

PRODUCT PROPERTIES

C.A.S Number	54-12-6
Chemical Formula	C ₁₁ H ₁₂ N ₂ O ₂
Formula weight	204.22
Functional Uses	DL-Tryptophan as a medium supplement in <i>Psilocybe atrobrunnea</i> and <i>Psilocybe serbica</i> for the synthesis of psychotropic compounds
Standard Packaging	5gm. & 25 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White to off white powder /crystal
Solubility (5% Soln. in 2N HCl)	Clear & colourless.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on Drying	NMT – 0.5%
Sulphated Ash	NMT – 0.1%
Chloride (Cl)	NMT – 0.01%
Sulphate (SO ₄)	NMT – 0.01%
Iron (Fe)	NMT – 0.001%
Heavy Metals (Pb)	NMT – 10 ppm
Ammonium (NH ₄)	NMT – 0.01%
Assay	NLT – 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

