

## 1134 – L-TRYPTOPHAN, 99% + PURITY, CRYSTALLINE

REF NO: TBL/QA/SS/LC/1134	STANDARD SPECIFICATION FOR L-TRYPTOPHAN, 99% + PURITY, CRYSTALLINE	Rev. No: 03
Issue No: 04		Review Date: 14/11/2024
Issue Date:15/11/2021		Product code: 1134

### PRODUCT PROPERTIES

C.A.S Number	73-22-3
Chemical Formula	C <sub>11</sub> H <sub>12</sub> N <sub>2</sub> O <sub>2</sub>
Formula weight	204.23
Functional Uses	L-tryptophan has been used for the isolation of bone marrow–derived neutrophils. It has also been used to identify the use of Raman microscopy as a tool to study the network of neurons in pathologically normal retina.
Standard Packaging	5gm., 25 gm. & 500gm.

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White to off-white crystals or powder

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (5% Solution)	5.5 –7.0
Heavy metal (Pb)	NMT–0.001
Assay	NLT – 99.0%

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

