

1122 – L-LYSINE MONO HCl, 99%+CRYSTALLINE

REF NO: TBL/QA/SS/LC/1122	STANDARD SPECIFICATION FOR L-LYSINE MONO HCl, 99%+CRYSTALLINE	Rev. No: 03
Issue No: 04		Review Date: 10/03/2025
Issue Date: 11/03/2022		Product code: 1122

PRODUCT PROPERTIES

C.A.S Number	657-27-2
Chemical Formula	C ₆ H ₁₄ N ₂ O ₂ . HCl
Formula weight	182.65
Functional Uses	In addition to serving as a building block of proteins, lysine is also a precursor for glutamate, an important signaling amino acid that regulates plant growth and responses to the environment.
Standard Packaging	100 gm., 500gm & 25 kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White granular powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Sulphate (SO ₄)	NMT – 0.005%
Copper (Cu)	NMT – 0.0005%
Iron (Fe)	NMT – 0.0005%
Zinc (Zn)	NMT – 0.0005%
Lead (Pb)	NMT – 0.0005%
Assay	NLT – 99.0%

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

