

1116 – L-HISTIDINE HCl (MONO)

REF NO: TBL/QA/SS/LC/1116	STANDARD SPECIFICATION FOR L-HISTIDINE HCl (MONO)	Rev. No: 03
Issue No: 04		Review Date: 14/03/2025
Issue Date: 15/03/2022		Product code: 1116

PRODUCT PROPERTIES

C.A.S Number	5934-29-2
Chemical Formula	C ₆ H ₉ N ₃ O ₂ .HCl.H ₂ O
Formula weight	209.63
Functional Uses	L-histidine has been used for the selection of transformed cells. It has also been used to study its effects on the formation of verteporfin cross-linked oligomers in cellular homogenates.
Standard Packaging	25gm, 100 gm.1 Kg & 25 Kg.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystals or crystalline powder with slightly bitter taste.
Solubility	Freely Soluble in water and practically insoluble in ethanol.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (1% soln. at 25°C)	3.5 – 4.5
Sulphated Ash	NMT – 0.10%
Heavy Metals(Pb)	NMT – 10 ppm
Sulphate (SO ₄)	NMT – 0.03%
Iron (Fe)	NMT – 10 ppm
Assay	NLT – 99.0 %

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