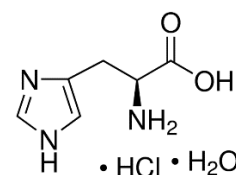


L-HISTIDINE HYDROCHLORIDE MONOHYDRATE FOR MOLECULAR BIOLOGY

PRODUCT CODE	941920
SYNONYMS	--
C.I. NO.	--
CASR NO.	(5934-29-2)
ATOMIC OR MOLECULAR FORMULA	C₆H₉O₂N₃·HCl·H₂O
ATOMIC OR MOLECULAR WEIGHT	209.63
PROPERTIES	Insoluble in alcohol and ether.



PARAMETER LIMIT

Description	A white crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum Assay (Argentometric; ex Cl)	99.0%
Melting point (On dried basis, with decomposition)	About 255°C
Specific Rotation (C=1, in 5N HCl)	+ 8.5° to + 9.5°

MAXIMUM LIMIT OF IMPURITIES

Loss on drying (at 150°C for 2 hrs.)	8 - 9%
Sulphated ash	0.1%
Ammonium (NH ₄)	0.01%
Iron (Fe)	0.001%
Lead (Pb)	0.001%
Heavy metals (as Pb)	0.001%
Histamine	0.0005%
Foreign amino acids	0.3%
Other ninhydrin-positive substances (as glycine)	0.1%

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements: Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: ---

IMDG Code : --

UN No. : --

IATA : --

Disposal: --

Hazard Pictogram(s) :