

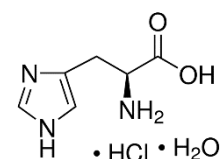


Product Specification

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L-HISTIDINE MONOHYDROCHLORIDE MONOHYDRATE

PRODUCT CODE	037118
SYNONYMS	--
C.I. NO.	--
CASR NO.	(5934-29-2)
ATOMIC OR MOLECULAR FORMULA	$C_6H_9O_2N_3 \cdot HCl \cdot H_2O$
ATOMIC OR MOLECULAR WEIGHT	209.63
PROPERTIES	Insoluble in alcohol and ether.



PARAMETER	LIMIT
Description	Colourless or white to off-white crystals or 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%
Iron (Fe)	0.001%
Lead (Pb)	0.001%
Histamine	0.0005%

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

WARNING Hazard statements: Not hazardous. No hazards. Precautionary statements Prevention: ---- Response: ---	IMDG Code : -- UN No. : -- IATA : --
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Disposal: --

Hazard Pictogram(s) :

Replace Date 13-Jan-2021