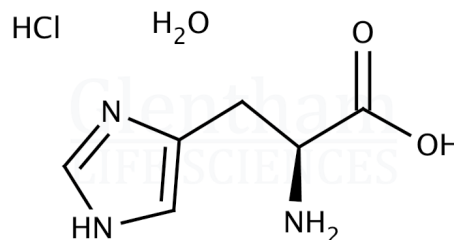


Certificate of Analysis

Product Name	L-Histidine monohydrochloride monohydrate, 99%, non-animal origin
Glentham Code	GM0900
CAS Number	5934-29-2
EINECS	211-438-9
Numéro MDL	MFCD00151027
CAS supplémentaire	645-35-2 (anhydrous)
CAS supplémentaire	1007-42-7
Batch Number	158DFK

Molecular Weight	209.63
Molecular Formula	$C_6H_9N_3O_2 \cdot HCl \cdot H_2O$
Storage Temp.	+20°C



Property	Specification	Batch 158DFK
Physical Description	White or almost white crystalline powder	White crystalline powder
Solubility (5% in water)	Clear, colourless to very faint yellow solution	Clear, colourless solution
pH (10% in water)	3.0 - 5.0	4.05
Lead (Pb)	≤ 3ppm	Conforms
Cadmium (Cd)	≤ 1ppm	Conforms
Arsenic (As)	≤ 1ppm	Conforms
Mercury (Hg)	≤ 0.1ppm	Conforms
Sulphated Ash	≤ 0.1%	0.04%
Loss on Drying	7.0 - 10.0 % (105°C)	9.29%
Assay	98.5 - 100.5 % (dried substance)	99.49%
Origin	Vegetal fermentation	Conforms

Specification Version	v1.0
Manufacture Date	2019-03-22
Re-Test Date	2028-06-09

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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