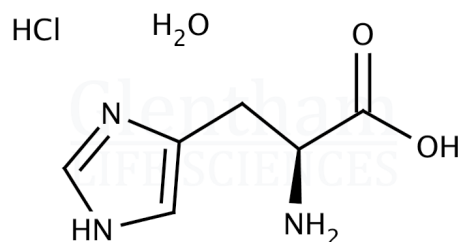


Product Specification

Product Name	L-Histidine monohydrochloride monohydrate, EP grade
Glentham Code	GM1189
CAS Number	5934-29-2
EINECS	211-438-9
MDL Number	MFCD00151027
Additional CAS	645-35-2 (anhydrous)
Additional CAS	1007-42-7
PubChem SID	310274642
Molecular Weight	209.63
Molecular Formula	$C_6H_9N_3O_2 \cdot HCl \cdot H_2O$
Storage Temp.	+20°C



Property	Specification
Physical Description	White or almost white crystalline powder, or colourless crystals
Identification	According to EP
Solubility (5% in water)	Clear, colourless to faint yellow solution
pH (5% in water)	3.0 - 5.0
Specific Optical Rotation	+9.2 - +10.6 °
Sulphates	≤ 300ppm
Ammonium	≤ 200ppm
Heavy Metals	≤ 10ppm
Iron (Fe)	≤ 10ppm
Lead (Pb)	≤ 3ppm
Cadmium (Cd)	≤ 1ppm
Mercury (Hg)	≤ 0.1ppm
Sulphated Ash	≤ 0.1%
Loss on Drying	7.0 - 10.0 %
Assay (Titration)	98.5 - 101.0 % (dried basis)
Pharmacopoeia Specification(s)	EP

Specification Version	- v1.1
Date Created	- 2015-10-20

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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