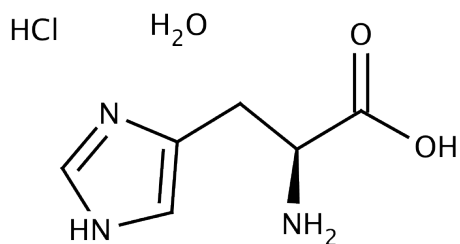


Product Specification

Product Name : L-Histidine monohydrochloride monohydrate
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 : C₆H₉N₃O₂ · HCl · H₂O
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

Product Specification

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

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