

Product Datasheet

GM1189 - L-Histidine monohydrochloride monohydrate, EP grade

CLP Classification	Eye Irr. 2A
Signal Word	Warning
Hazard Codes	H319
Precautionary Codes	P305+P351+P338, P337+P313, P280

Pictograms



Product Details

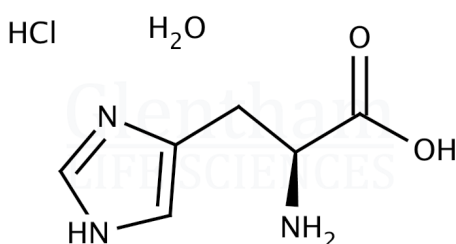
Product Name	L-Histidine monohydrochloride monohydrate, EP grade
Glenthams Code	GM1189
CAS Number	5934-29-2
EINECS	211-438-9
MDL Number	MFCD00151027
Additional CAS	645-35-2 (anhydrous)
Additional CAS	1007-42-7
PubChem SID	310274642
Related Categories	Amino Acids, Biochemicals

Glenthams Product 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
Version	: v1.1

Structure

Molecular Weight : 209.63
Molecular Formula : $C_6H_9N_3O_2 \cdot HCl \cdot H_2O$



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as dangerous for transport.

About L-Histidine monohydrochloride monohydrate, EP grade

No further details on record.

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2024