

## Product Datasheet

### GM2021 - L-Histidine monohydrochloride monohydrate, GlenCell™, suitable for cell culture

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

Pictograms

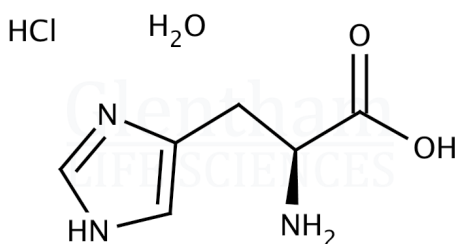


#### Product Details

Product Name	L-Histidine monohydrochloride monohydrate, GlenCell™, suitable for cell culture
Glentham Code	GM2021
CAS Number	5934-29-2
EINECS	211-438-9
MDL Number	MFCDD00151027
Additional CAS	645-35-2 (anhydrous)
Additional CAS	1007-42-7
Related Categories	Amino Acids, Biochemicals, Reagents for Cell Culture

#### Structure

Molecular Weight	: 209.63
Molecular Formula	: C <sub>6</sub> H <sub>9</sub> N <sub>3</sub> O <sub>2</sub> · HCl · H <sub>2</sub> O



#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as dangerous for transport.

#### Glentham Product Specification

Physical Description	: White crystals or crystalline powder
Identification	: IR
Solubility	: Freely soluble in water and in formic acid, practically insoluble in ethanol
Solubility (10% in water)	: Clear, colourless solution
Transmittance	: ≥ 98.0% (10% in water, 430nm, 10mm cell)
Specific Optical Rotation	: +9.2 - +10.6 ° (C=11, 6M HCl)
Chloride (Cl)	: 16.6 - 17.1 %
Ammonium (NH <sub>4</sub> )	: ≤ 0.02%
Sulphate (SO <sub>4</sub> )	: ≤ 0.02%
Iron (Fe)	: ≤ 10ppm
Heavy Metals (as Pb)	: ≤ 10ppm
Arsenic (As <sub>2</sub> O <sub>3</sub> )	: ≤ 1ppm
Related Substances	: To pass test
Water (KF)	: 7.2 - 10.0 %
Sulphated Ash	: ≤ 0.1%
pH	: 3.5 - 4.5 (10% in water)
Endotoxins	: ≤ 6.0EU/g
Assay	: 99.0 - 101.0 %
Origin	: Non-animal origin
Version	: v1.0

#### About L-Histidine monohydrochloride monohydrate, GlenCell™, suitable for cell

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### **culture**

No further details on record.