

Product Datasheet

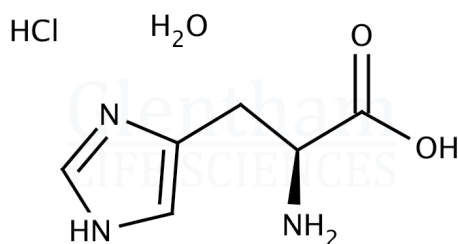
GM2021 - L-Histidine monohydrochloride monohydrate, GlenCell™, suitable for cell culture

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-Nummer	MFCD00151027
Zusätzliche CAS	645-35-2 (anhydrous)
Zusätzliche CAS	1007-42-7
Related Categories	Amino Acids, Biochemicals, Reagents for Cell Culture

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.

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

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	: $\geq 98.0\%$ (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 ₄)	: $\leq 0.02\%$
Sulphate (SO ₄)	: $\leq 0.02\%$
Iron (Fe)	: $\leq 10\text{ppm}$
Heavy Metals (as Pb)	: $\leq 10\text{ppm}$
Arsenic (As ₂ O ₃)	: $\leq 1\text{ppm}$
Related Substances	: To pass test
Water (KF)	: 7.2 - 10.0 %
Sulphated Ash	: $\leq 0.1\%$
pH	: 3.5 - 4.5 (10% in water)
Endotoxins	: $\leq 6.0\text{EU/g}$
Assay	: 99.0 - 101.0 %
Origin	: Non-animal origin
Version	: v1.0

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

Product Datasheet

culture

No further details on record.