

Product Datasheet

GM1595 - L-Histidine, Ph. Eur., USP

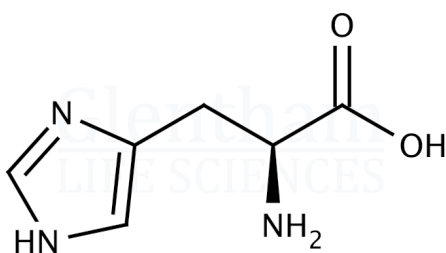
grade

Product Details

Product Name	L-Histidine, Ph. Eur., USP grade
Glentham Code	GM1595
CAS Number	71-00-1
EINECS	200-745-3
MDL Number	MFC00064315
PubChem SID	310274638
Related Categories	Amino Acids, Biochemicals, Raw Materials (IVD), Reagents for Cell Culture

Structure

Molecular Weight	: 155.16
Molecular Formula	: C ₆ H ₉ N ₃ O ₂



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

Glentham Product Specification

Physical Description	: White crystalline powder
Identification	: IR
Solubility (5% in water)	: Clear, colourless solution
pH (2% in water)	: 7.0 - 8.5
Specific Optical Rotation	: +11.4 - +12.4 °
Ammonium (NH ₄)	: ≤ 0.02%
Chloride (Cl)	: ≤ 0.02%
Sulphate (SO ₄)	: ≤ 0.02%
Iron (Fe)	: ≤ 10ppm
Heavy Metals (as Pb)	: ≤ 5ppm
Lead (Pb)	: ≤ 3ppm
Arsenic (As ₂ O ₃)	: ≤ 1ppm
Mercury (Hg)	: ≤ 0.1ppm
Cadmium (Cd)	: ≤ 1ppm
Any Individual Impurity	: ≤ 0.2%
Total Impurities	: ≤ 0.5%
Residue on Ignition	: ≤ 0.1%
Loss on Drying	: ≤ 0.2%
Assay	: 99.0 - 101.0 % (dried basis)
Pharmacopoeia Specification(s)	: EP, USP, FCC
Version	: v1.1

About L-Histidine, Ph. Eur., USP grade

No further details on record.

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