

## Product Datasheet

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

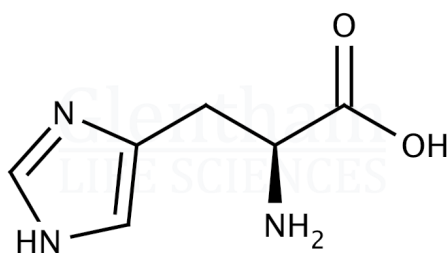
#### grade

#### Product Details

|                    |                                                                           |
|--------------------|---------------------------------------------------------------------------|
| Product Name       | L-Histidine, Ph. Eur., USP grade                                          |
| Glentham Code      | GM1595                                                                    |
| CAS Number         | 71-00-1                                                                   |
| EINECS             | 200-745-3                                                                 |
| MDL-Nummer         | MFCD00064315                                                              |
| PubChem SID        | 310274638                                                                 |
| Related Categories | Amino Acids, Biochemicals, Raw Materials (IVD), Reagents for Cell Culture |

#### Structure

|                   |                  |
|-------------------|------------------|
| Molecular Weight  | : 155.16         |
| Molecular Formula | : $C_6H_9N_3O_2$ |



#### 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 <sub>4</sub> )               | : ≤ 0.02%                      |
| Chloride (Cl)                             | : ≤ 0.02%                      |
| Sulphate (SO <sub>4</sub> )               | : ≤ 0.02%                      |
| Iron (Fe)                                 | : ≤ 10ppm                      |
| Heavy Metals (as Pb)                      | : ≤ 5ppm                       |
| Arsenic (As <sub>2</sub> O <sub>3</sub> ) | : ≤ 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                      |
| Version                                   | : v1.2                         |

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

No further details on record.

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