



# Shanghai Wentai Bio Technology Co.,Ltd.

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## Specification sheet

Product Name: L-Histidine

| Item                                 | Specification   |
|--------------------------------------|---|
| Appearance                           | White or almost white crystalline powder or colourless crystals |
| Identification                       | Infrared absorption spectrum                                    |
| Assay                                | 98.5% to 101.5%   |
| Specific rotation [α] <sub>D25</sub> | + 12.6° to + 14.0°  |
| PH                                   | 7.0 to 8.5  |
| Loss on drying                       | Not more than 0.2%  |
| Residue on ignition                  | Not more than 0.40%   |
| Chloride (Cl)                        | Not more than 0.05%   |
| Sulfate(SO <sub>4</sub> )            | Not more than 0.03%   |
| Iron(Fe)                             | Not more than 30ppm   |
| Heavy metals                         | Not more than 15ppm   |
| Other amino acids (each)             | Not more than 0.2%  |
| Other amino acids (total)            | Not more than 0.5%  |

**Packing:** 25KG NET DRUM

**Storage condition:** preserve in tight containers at controlled room temperature.

**Shelf life:** 2 years

**Origin Country:** China