

## Shijiazhuang Haitian Amino Acid Co., Ltd.

### Technical Specification

Product Name: L-Histidine  
CAS No.: 71-00-1  
Chemical structure:  $C_6H_9N_3O_2$   
Quality Standard: USP33  
Packing: 25kg/drum;

#### Technical parameters:

Item	Quality Standard
Description	White crystal or crystalline powder
Identification(IR)	Conforms
pH	7.0 ~ 8.5
Assay	98.5%~101.5%
Specific rotation	+12.6°~ +14.0°
Chloride	≤0.05%
Sulfate	≤0.03%
Heavy metals	≤ 15ppm
Iron	≤0.003%
Residue on ignition	≤0.40%
Loss on drying	≤0.20%
Chromatography purity	Conforms
Residual solvent	Conforms

Storage Condition: In a cool and dry place sealed storage, one-time use after opening the bag.

Shelf Life: 24 months from the production date under good storage conditions and sound packing.

