

# Shine Star (Hubei) Biological Engineering Co., Ltd.

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## SPECIFICATIONS

**Product name: L- Histidine**

**CAS no.: 71-00-1**

**Quality standard: USP31**

**Characters: white or almost white, crystalline powder or  
colourless crystals, soluble in water**

<b>Test Items</b>	<b>Limit</b>
<b>Identification</b>	<b>as per USP31</b>
<b>Specific rotation</b>	<b>between +12.6° to +14.0°</b>
<b>pH</b>	<b>between 7.0 to 8.5</b>
<b>Loss on drying</b>	<b>not more than 0.2%</b>
<b>Residue on ignition</b>	<b>not more than 0.4%</b>
<b>Chloride</b>	<b>not more than 0.05%</b>
<b>Sulfate</b>	<b>not more than 0.03%</b>
<b>Iron</b>	<b>not more than 0.003%</b>
<b>Heavy metals</b>	<b>not more than 0.0015%</b>
<b>Chromatographic purity</b>	<b>as per USP31</b>
<b>Residual solvents</b>	<b>as per USP31</b>
<b>Assay</b>	<b>98.5% to 101.5%</b>

**Packaging and storage:**

**Preserve in well-closed containers and protected from light**