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SPECIFICATIONS

Product Name: L- Histidine **CAS NO.: 71-00-1**

Quality Standard: AJI92

**Description: white crystals or crystalline powder,
slightly bitter taste**

Solubility (H₂O, g/100g): 3.84(20°), 5.78(40°), 8.62(60°)

Test Items	Limit
Identification	conforms with AJI92
Specific rotation $[\alpha]^{20}_D$	+12.0° to +12.8°
State of Solution	clear and colorless
	not less than 98.0%
Chloride (Cl)	not more than 0.020%
Ammonium (NH ₄)	not more than 0.02%
Sulfate (SO ₄)	not more than 0.020%
Iron (Fe)	not more than 10ppm
Heavy metals (Pb)	not more than 10ppm
Arsenic (As ₂ O ₃)	not more than 1ppm
Other amino acids	conforms
Loss on drying	not more than 0.20%
Residue on ignition (sulfated)	not more than 0.10%
Assay	99.0% to 101.0%
pH	7.0 to 8.5

Storage: Preserve in tight containers at controlled room temperature.

Recommended limit: 2 years