



Specification

L-Histidine Base

CAS Number: 71-00-1
Molecular Formula: C₆H₉N₃O₂
Molecular Weight: 155.15
Storage: 15°C - 30°C
Retest Period: 24 months after date of manufacture.

Test	Specification
Appearance	White to off-white crystalline powder
Solubility	Soluble in water
Identification	Positive
Specific Rotation	+12.0° to +12.8°
Loss on Drying	≤ 0.2%
Residue on Ignition	≤ 0.1%
Assay	98.0% ~ 101.0%
pH	7.0 – 8.5
Heavy Metals	≤ 10ppm
Arsenic	≤ 3ppm
Cadmium	≤ 1ppm
Lead	≤ 2ppm
Mercury	≤ 1ppm
Microbiology Specifications	
Total Plate Count	≤ 1000cfu/g
Yeast and Mold	≤ 100cfu/g
Coliforms	≤ 10cfu/g
E.Coli	Negative
Salmonella	Negative
Staph. Aureus	Negative

Approved:

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