



**Buckton
Scott
Deutschland**

Specification	DATE:	06.01.2025
L-Histidine	TEST METHOD:	USP47/ EP11

Item	Specification
Description	L- Histidine is a vegan amino acid derived from nature. This pure amino acid is produced by bio-fermentation technology using plant based raw materials. It is a quality amino acid and best solution for food and nutrients as well as for various types of applications.
Identification	Infrared abs Spectrophotometry Conform to USP, EP STD
Appearance	White or almost white, crystalline powder
Solubility	Soluble in water, very slightly soluble in alcohol
Assay	98.5% - 101.0%
Specific rotation 20°C	+11.5° to +13.5°
Specific rotation 25°C	+12.6° to +14.0°
State of solution (Transmittance)	Not less than 98.0 %
pH value	7.0 to 8.5
Loss on drying	≤0.2%
Residue on Ignition	≤0.1%
Sulfate	≤0.03%
Chloride	≤0.02%
Ammonium	≤0.02%
Iron	≤10ppm
Lead	≤1ppm
Cadmium	≤0.5ppm
Mercury	≤0.1ppm
Arsenic	≤0.5ppm
Impurities	
Individual impurities	≤0.2%
Total impurities	≤0.5%
Microbiological Limits	
Total Plate Count	≤1.000cfu/g
Yeasts & molds	≤100cfu/g
Coliforms	≤10cfu/g
E.coli	≤10cfu/g

INFORMATION ABOVE AS RECEIVED FROM OUR SUPPLIER

INGREDIENTS WORLDWIDE

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DE-ÖKO-039
EU/non-EU
Agriculture



Broker



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Bacillus cereus Salmonella Staphylococcus aureus Clostridium perfringens Clostridium botulinum Enterobacteriaceae	≤10cfu/g Negative/25g Negative/g ≤10cfu/g Negative/g Negative/g
Packaging Storage condition Shelf life Remarks	25 kg double poly-ethylene bags with a silica-gel in fiber drum Keep container dry and tightly closed. Store at room temperature and in a well-ventilated place. Keep away from heat and oxidizing agents. 3 years when stored in the above mentioned condition. This product meets quality requirements of current EP, USP and FCC monographs

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