

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **L-Histidine**
 Specifications & Purity: **Ultra pure, ≥99.5%**
 SKU #: **H108262**

Parameter	Limit Values
Barium(Ba)	0-5 (ppm)
Nickel(Ni)	0-5 (ppm)
Purity(HPLC)	99.5-100 (%)
Assay(Nonaqueous Titration)	99.5-100 (%)
Lithium(Li)	0-5 (ppm)
Lead(Pb)	0-5 (ppm)
Molybdenum(Mo)	0-5 (ppm)
Specific Rotation [α] ₂₀ /D(c=2 in H ₂ O)	-40--38 (°)
A ₂₆₀ UV Absorbance(0.1M,H ₂ O)	0-0.05
Ignition Residue (as sulfate)	0-0.1 (%)
Cobalt (Co)	0-5 (ppm)
Aluminum(Al)	0-5 (ppm)
Ammonia (NH ₄)	0-500 (ppm)
Calcium(Ca)	0-10 (ppm)
foreign amino acids	0-0.5 (%)
Sulfate(SO ₄ ²⁻)	0-100 (ppm)
A ₂₆₀ UV Absorbance(0.1M,H ₂ O)	0-0.05
Magnesium (Mg)	0-5 (ppm)
Iron(Fe)	0-5 (ppm)
Chloride (Cl ⁻)	0-100 (ppm)
Cadmium(Cd)	0-5 (ppm)
Copper(Cu)	0-5 (ppm)
Potassium(K)	0-50 (ppm)
Sodium(Na)	0-50 (ppm)
loss on drying, 110 °C	0-0.5 (%)
Bismuth(Bi)	0-5 (ppm)
Zinc(Zn)	0-5 (ppm)
Chrome(Cr)	0-5 (ppm)
PH(25 °C, 0.1 M in Water)	7-8 (%)
Manganese(Mn)	0-5 (ppm)
Strontium(Sr)	0-5 (ppm)
(As)Arsenic	0-0.1 (ppm)

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Parameter

Appearance (H108262)

Infrared spectrum

Insoluble matter

Solubility in H₂O, soluble, 0.1M, 20°C, clear, colorless

Limit Values

White to Off-White Solid, Powder, or Crystals

Conforms to Structure

pass

Pass