

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **L-Histidine**
Specifications & Purity: EP,USP ,from non-animal source,for cell culture
SKU # **H108261**

Parameter	Limit Values
PH test	7-8.5
Ammonia (NH ₄)	0-0.02 (%)
Assay	98.5-101 (%)
Specific Rotation [α] ₂₀ /D(c=11 in 6M HCl/EP)	12-12.8 (°)
Loss on drying	0-0.2 (%)
Chloride	0-0.02 (%)
Specific Rotation [α] ₂₅ /D(c=11 in 6M HCl/USP)	12.6-14 (°)
(As)Arsenic	0-1 (ppm)
Sulfate(SO ₄ ²⁻)	0-0.02 (%)
Ignition Residue (as sulfate)	0-0.1 (%)
Heavy metal (as Pb)	0-10 (ppm)
Endonuclease Detection	0-0.1 (EU/g)
Appearance (h108261)	White to Off-White Powder
Cell Culture Test	pass
Infrared spectrum	Conforms to Structure
Ninhydrin-positive substances (other amino acids)	Conforms
Origin	non-animal source
Residual solvents	complies
Solubility in H ₂ O , Colorless solution 0.5G/10MLwater	pass
Iron(Fe)	0-10 (ppm)