

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **L-Histidine monohydrate monohydrochloride**
Specifications & Purity: from non-animal source,EP,JP,USP ; for cell culture,98.5 to 101.0%
SKU # **H106211**

Parameter	Limit Values
Endonuclease Detection	0-0.1 (EU/g)
Heavy metal (as Pb)	0-10 (ppm)
Ignition Residue (as sulfate)	0-0.1 (%)
Iron(Fe)	0-10 (ppm)
Sulfate(SO42-)	0-0.02 (%)
(As)Arsenic	0-1 (ppm)
Chloride	16.66-17.08 (%)
Ammonia (NH4)	0-0.02 (%)
Assay	98.5-101 (%)
Appearance (H106211)	white crystalline powder
Cell Culture Test	pass
Infrared spectrum	Conforms to Structure
Ninhydrin-positive substances (other amino acids)	Conforms
Origin	non-animal source
Residual solvents	complies
Specific Rotation $[\alpha]_{20/D(c=5 \text{ in } 5 \text{ M HCl})}$	9-10 (°)