

ALADDIN SCIENTIFIC CORPORATION
 14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-02 09:07:30
 Date of Next Testing: 2030-06-01 09:07:30
 Product Name: **L-Histidine**
 CAS Number: 71-00-1
 Specifications & Purity: Animal Free, USP, Moligand™, Ph.Eur., for cell culture
 Lot #: E2625042
 SKU #: **H108261**
 Version: **1**
 Analysis #: **607701**
 Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
PH test	7-8.5	7.50000
Ammonia (NH4)	0-0.02 (%)	0.01000 %
Assay	98.5-100 (%)	99.74700 %
Specific Rotation [α] ₂₀ /D(c=11 in 6M HCl/EP)	12-12.8 (°)	12.34600 °
Loss on drying	0-0.2 (%)	0.01000 %
Chloride	0-0.02 (%)	0.00210 %
Specific Rotation [α] ₂₅ /D(c=11 in 6M HCl/USP)	12.6-14 (°)	13.16800 °
(As)Arsenic	0-1 (ppm)	0.50000 ppm
Sulfate(SO ₄ ²⁻)	0-0.02 (%)	0.01000 %
Ignition Residue (as sulfate)	0-0.1 (%)	0.05000 %
Heavy metal (as Pb)	0-10 (ppm)	5.10000 ppm
Endonuclease Detection	0-0.1 (EU/g)	0.06000 EU/g
Iron(Fe)	0-10 (ppm)	0.00000 ppm
Appearance (h108261)	White to Off-White Powder	White to Off-White Powder
Ninhydrin-positive substances (other amino acids)	Conforms	Conforms
Origin	non-animal source	non-animal source
Residual solvents	complies	complies
Solubility in H ₂ O , Colorless solution 0.5G/10MLwater	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Cell Culture Test	pass	Pass



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager