

Aladdin warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Aladdin-e.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

## 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 (NH4)	0-0.02 (%)
Assay	98.5-101 (%)
Specific Rotation [α] <sub>20</sub> /D(c=11 in 6M HCl/EP)	12-12.8 (°)
Loss on drying	0-0.2 (%)
Chloride	0-0.02 (%)
Specific Rotation [α] <sub>25</sub> /D(c=11 in 6M HCl/USP)	12.6-14 (°)
(As)Arsenic	0-1 (ppm)
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	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 <sub>2</sub> O , Colorless solution 0.5G/10MLwater	pass
Iron(Fe)	0-10 (ppm)

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