



*The Power to Question*

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-394101  
Lot Number: SAMPLE  
Product Name: L-Histidine  
CAS Number: 71-00-1  
Molecular Formula:  $C_6H_9N_3O_2$   
Molecular Weight: 155.15

Test	Specification	Result
Appearance	White crystals or crystalline powder	Complies
Identification (1H-NMR)	In agreement with the structure	Complies
Identification (LCMS)	Conforms to structure	Complies
Purity (HPLC)	≥99%	99.9%
Melting Point	279 - 282 °C	279 - 281 °C
Residue on Ignition	≤0.40%	0.04%
Specific Rotation	+12.0° ~ +16.0°	+15.0°
Loss on Drying	≤0.2%	0.15%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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