



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-263442  
Lot Number: SAMPLE  
Product Name: L-Histidine monohydrochloride monohydrate  
CAS Number: 5934-29-2  
Molecular Formula:  $C_6H_9N_3O_2 \cdot HCl \cdot H_2O$   
Molecular Weight: 209.63

Test	Specification	Result
Appearance	White to off-white crystals or crystalline powder	White crystalline powder
Identification (LCMS)		Complies
Purity (HPLC)	≥99%	99.5%
Melting Point	253 - 257 °C	253 - 257 °C
Residue on Ignition	≤0.1%	0.04%
Specific Rotation	+8.9 -+ 9.9°	9.0°

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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