



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-326748
Lot Number: SAMPLE
Product Name: D-Histidine monohydrochloride monohydrate
CAS Number: 6341-24-8
Molecular Formula: $C_6H_9N_3O_2 \cdot HCl \cdot H_2O$
Molecular Weight: 209.63

Test	Result
Purity	99.4%
Residue on Ignition	0.00% (as sulfate)
Solubility	Colorless and clear (c = 5 in 3N-HCl)
Optical Rotation ($\alpha_{20/D}$)	-9.0° (c = 11 in 6N HCl)
Heavy Metals	< 10 ppm
Loss on Drying	0.01%
Other Amino Acids	Not detected by TLC (the spotted amount 20 ug)
Arsenic	< 1 ppm

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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