



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-234509
Lot Number: SAMPLE
Product Name: D-Histidinol dihydrochloride
CAS Number: 75614-84-5
Molecular Formula: $C_6H_{11}N_3O \cdot 2HCl$
Molecular Weight: 214.09

Test	Specification	Result
Appearance	White powder or crystals	White crystals
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (Silver Nitrate Titration)	97.5 - 102.5%	97.8%
Purity (TLC)	$\geq 98\%$	99%
Solubility	Clear colorless solution at 50 mg/ml in water	Complies
Optical Rotation	2.0 - 4.0° (c = 1%, water)	2.9°

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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