



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-235476
Lot Number: SAMPLE
Product Name: L-Lysine ethyl ester dihydrochloride
CAS Number: 3844-53-9
Molecular Formula: $C_8H_{18}N_2O_2 \cdot 2HCl$
Molecular Weight: 247.16

Test	Specification	Result
Appearance	White to off-white powder	Complies
Identification (Mass Spectrometry)	Conforms to structure	Complies
Purity (HPLC)	$\geq 98\%$	98.41%
Melting Point	$\sim 150^\circ C$	$\sim 150^\circ C$
Specific Rotation	$+8^\circ$ to $+12^\circ$ (C=2, in H ₂ O)	$+9.4^\circ$
Loss on Drying	$\leq 1.0\%$	0.3%

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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