



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-279254
Lot Number: SAMPLE
Product Name: L-Phenylalanine ethyl ester hydrochloride
CAS Number: 3182-93-2
Molecular Formula: $C_{11}H_{15}NO_2 \cdot HCl$
Molecular Weight: 229.70
Native Source: Synthetic

Test	Specification	Result
Appearance	White fine needle-like crystalline solid	Complies
Identification (Infrared Spectrum)	Authentic	Complies
Purity	$\geq 98.5\%$ (total base)	100.7%
Melting Point	154 - 157 °C	157 °C
Specific Rotation ($\alpha_{20/D}$)	+32.2° - +35.2° (598 nm, c = 2, C_2H_5OH)	Complies

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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