



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-300875  
Lot Number: SAMPLE  
Product Name: L-Alanine 4-methoxy- $\beta$ -naphthylamide hydrochloride  
CAS Number: 3438-14-0  
Molecular Formula:  $C_{14}H_{16}N_2O_2 \cdot HCl$   
Molecular Weight: 280.75

Test	Specification	Result
Appearance	White to off white powder	White powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (TLC)	$\geq 98\%$	100.0%
Residual Solvents	Solvent content: $\leq 10\%$ (GLC-HS)	4.3% ethyl acetate
Solubility	Clear and colorless to faint yellow solution at 50 mg/ml in methanol	Clear and colorless solution
Nitrogen Content	9.6 - 10.3% (Corrected for solvent content)	9.7%

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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