



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-218643
Lot Number: SAMPLE
Product Name: L-Leucine 7-amido-4-methylcoumarin hydrochloride
CAS Number: 62480-44-8
Molecular Formula: $C_{16}H_{20}N_2O_3 \cdot HCl$
Molecular Weight: 324.80

Test	Specification	Result
Appearance	White to white with a light yellow cast powder	White powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (TLC)	$\geq 98\%$	100%
Solubility	Clear and colorless to faint yellow solution at 50 mg/ml in methanol	Clear and colorless
Carbon Content	58.0 - 60.4% (anhydrous basis)	58.7%
Nitrogen Content	8.3 - 8.9% (anhydrous basis)	8.5%
Water Content	$\leq 6\%$ (1 mol/mol)	0.4%

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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