



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-291992
Lot Number: SAMPLE
Product Name: Biotinyl-L-lysine amide
CAS Number: 61125-53-9
Molecular Formula: $C_{16}H_{29}N_5O_3S$
Molecular Weight: 371.5

Test	Result
Appearance	White crystalline powder
Purity (Titration)	97.3%
Purity (TLC)	> 98%
Melting Point	160 - 165 °C
Solubility	Clear, colorless solution (25 mg/1mL in 80% AcOH)
Optical Rotation	+60.9° (C = 0.5, in MeOH)
Water Content (KF)	1.6%

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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