



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-291941
Lot Number: SAMPLE
Product Name: Benzoyl-L-lysine
CAS Number: 366-74-5
Molecular Formula: $C_{13}H_{18}N_2O_3$
Molecular Weight: 250.3

Test	Specification	Result
Appearance		White powder
Purity (TLC)		> 99%
Solubility		Clear, colorless solution at 25 mg/ml in water
Optical Rotation ($\alpha_{24/D}$)		+17.8° (c = 2%, H ₂ O + 1 equiv. NaOH 1N)
Carbon Content	61.94%	61.79% (calculated as 0.1 H ₂ O (0.7%))
Hydrogen Content	7.28%	7.18% (calculated as 0.1 H ₂ O (0.7%))
Nitrogen Content	11.11%	11.10% (calculated as 0.1 H ₂ O (0.7%))
Water Content (KF)		0.5%

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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