



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-286490  
Lot Number: SAMPLE  
Product Name: N $\alpha$ -Benzoyl-L-arginine methyl ester carbonate  
CAS Number: 84332-93-4  
Molecular Formula: C<sub>14</sub>H<sub>20</sub>N<sub>4</sub>O<sub>3</sub>·H<sub>2</sub>CO<sub>3</sub>  
Molecular Weight: 354.4

Test	Specification	Result
Appearance		White powder
Assay (Elemental Analysis)		82.5% Based on Nitrogen content
Identification (TLC)		Consistent with authentic material
Purity (TLC)		> 97%
Melting Point		146 °C
Solubility		Clear, colorless solution (50 mg/ml in AcOH 80%)
Specific Rotation ( $\alpha$ <sub>24/D</sub> )		-18.6° (1% in H <sub>2</sub> O + 1 aq. HCl)
Nitrogen Content	19.16%	15.80%
Water Content (KF)		5.4%

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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