



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-281540
Lot Number: SAMPLE
Product Name: L-Arginyl-L-arginine 7-amido-4- methylcoumarin trihydrochloride
CAS Number: 201847-69-0
Molecular Formula: $C_{22}H_{33}N_9O_4 \cdot 3HCl$
Molecular Weight: 596.94

Test	Specification	Result
Appearance	White to slight off-white powder	White powder
Identification (Infrared Spectrum)		Consistent with structure
Purity (TLC)	$\geq 98\%$	98%
Specific Rotation ($\alpha_{20/D}$)	-15 - -13°	-14.1 ^a (c = 1, H ₂ O)
Water Content (KF)	$\leq 10.0\%$	4.0%

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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