



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-200994
Lot Number: SAMPLE
Product Name: Apamin
CAS Number: 24345-16-2
Molecular Formula: $C_{79}H_{131}N_{31}O_{24}S_4$
Molecular Weight: 2027.34
Native Source: Synthetic

Test	Specification	Result
Appearance		White lyophilized powder
Identification (Mass Spectrometry)		Complies
Purity (HPLC)		95.4%
Solubility		1 mg/ml in water
Peptide Content		71.2%
Amino Acid Analysis	Ala: 3.00 Arg: 2.00 Asx: 1.00 Cys: 4.00 Glx: 3.00 His: 1.00 Leu: 1.00 Lys: 1.00 Pro: 1.00 Thr: 1.00	Ala: 3.10 Arg: 1.95 Asx: 0.98 Cys: 3.94 Glx: 3.00 His: 1.05 Leu: 1.08 Lys: 1.06 Pro: 1.13 Thr: 0.97
Counter Ion		Trifluoroacetate

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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