



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-364762  
Lot Number: SAMPLE  
Product Name:  $\alpha$ -Melanocyte stimulating hormone  
CAS Number: 581-05-5  
Molecular Formula:  $C_{77}H_{109}N_{21}O_{19}S$   
Molecular Weight: 1664.88

Test	Specification	Result
Appearance		Powder
Identification	Passes	Complies
Purity (HPLC)	Report result	97.8%
Peptide Content	Report result	87.3%
Amino Acid Analysis		Arg: 1.19 Glx: 1.02 Gly: 1.00 His: 0.99 Lys: 0.98 Met: 1.02 Phe: 0.95 Pro: 1.02 Ser: 1.59 Trp: 0.00 Tyr: 0.97 Val: 1.03
Counter Ion	For information only	Acetate

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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