



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-391009
Lot Number: SAMPLE
Product Name: Somatostatin
CAS Number: 51110-01-1
Molecular Formula: $C_{76}H_{104}N_{18}O_{19}S_2$
Molecular Weight: 1637.88

Test	Specification	Result
Appearance	White to off-white powder	White powder
Purity (HPLC)	$\geq 98\%$	99.0%
Solubility	Soluble in 5% acetic acid	Complies
Acetic Acid	$\leq 15\%$	7.9%
Peptide Content	75 - 90%	85.5%
Sulfated Ash	$\leq 1.0\%$	0.05%
Water Content (KF)	$\leq 9.0\%$	7.0%
Amino Acid Analysis	Ala: 0.80 - 1.20 Asp: 0.80 - 1.20 Gly: 0.80 - 1.20 Lys: 1.80 - 2.20 Phe: 2.80 - 3.20 Ser: 0.80 - 1.20 Thr: 1.80 - 2.20 Trp: 0.80 - 1.20 Cys not determined due to partial destruction during hydrolysis	Ala: 0.97 Asp: 1.01 Gly: 0.95 Lys: 1.92 Phe: 2.99 Ser: 1.05 Thr: 1.99 Trp: 1.02

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.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 www.scbt.com