



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-203066
Lot Number: SAMPLE
Product Name: Guanylin (human)
CAS Number: 183200-12-6
Molecular Formula: $C_{58}H_{67}N_{15}O_{21}S_4$
Molecular Weight: 1458.7

Test	Specification	Result
Appearance	White to off-white lyophilized powder	White lyophilized powder
Purity (HPLC)	≥ 96%	99.9%
Solubility	1 mg/1 ml soluble in HPLC water	Complies
Peptide Content	65 - 95%	87%
Amino Acid Analysis	Ala: 2.80 - 3.20 Cys: 3.60 - 4.20 Glu: 0.80 - 1.20 Gly: 1.80 - 2.20 Ile: 0.80 - 1.20 Pro: 0.80 - 1.20 Thr: 1.80 - 2.20 Tyr: 0.80 - 1.20	Ala: 3.00 Cys: 2.40* Glu: 0.96 Gly: 1.95 Ile: 0.96 Pro: 1.00 Thr: 1.89 Tyr: 0.89 *partially destroyed during hydrolysis
Counter Ion	TFA	Complies

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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