



Certificate of Analysis

Product Name	PACAP 1-38
Catalog No.	V2752
Batch No.	V275201

1. Physical and Chemical Properties

Appearance	Powder
Molecular Formula	C ₂₀₃ H ₃₃₁ N ₆₃ O ₅₃ S
Molecular Weight	4534.26
Purity	≥98.0%
CAS No.	137061-48-4

2. Analytical Data

HPLC	Indicates ≥98.0% purity
NMR	Consistent with structure
Mass Spectrum	Consistent with structure

3. Structure

His-Ser-Asp-Gly-Ile-Phe-Thr-Asp-Ser-Tyr-Ser-Arg-Tyr-Arg-Lys-Gln-Met-Ala-Val-Lys-Lys-Tyr-Leu-Ala-Ala-Val-Leu-Gly-Lys-Arg-Tyr-Lys-Gln-Arg-Val-Lys-Asn-Lys-NH ₂

4. Storage Condition

Short term storage (weeks)	0 - 4 °C under dry condition
Long term storage (months)	-20 °C under dry condition

Products are for research use only • Not for human or veterinary use