

Certificate of Analysis

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Product Name : PACAP(6-38) Cat. No. : PC-23703 CAS No. : 143748-18-9 Batch No. : PC-2370301

Chemical Name : FTDSYSRYRKQMAVKKYLAAVLGKRYKQRVKNK

(Modifications: Lys-33 = C-terminal amide)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight : 4024.78

: C₁₈₂H₃₀₀N₅₆O₄₅S **Molecular Formula**

Storage -20°C 12 Months : Powder

4°C 6 Months

In solvent -80°C 6 Months

-20°C 6 Months

• FTDSYSRYRKQMAVKKYLAAVLGKRYKQRVKNK • (Modifications: Lys-33 = C-terminal amide) **Chemical Structure**

ANALYTICAL DATA

Appearance : Solid powder ¹H NMR Spectrum : Consistent with **HPLC** : Consistent with : Consistent with

Purity (HPLC and/or LCMS) : >98%

Conclusion : The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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