Certificate of Analysis

(Pro3) GIP, human

Cat. No.: HY-P3584

CAS No.: 299898-52-5

Batch No.: 328111

Chemical Name: L-Glutamine, L-tyrosyl-L-alanyl-L-prolylglycyl-L-threonyl-L-phenylalanyl-L-isoleucyl-L-seryl-L-α-

 $as partyl-L-tyrosyl-L-seryl-L-isoleucyl-L-alanyl-L-methionyl-L-\alpha-as partyl-L-lysyl-L-isoleucyl-L-his \\tidyl-L-glutaminyl-L-glutaminyl-L-\alpha-as partyl-L-phenylalanyl-L-valyl-L-as paraginyl-L-tryptophyl-L-leucyl-L-leucyl-L-alanyl-L-glutaminyl-L-lysylglycyl-L-lysyl-L-lysyl-L-as paraginyl-L-\alpha-as partyl-L-lysyl-L-lysyl-L-as paraginyl-L-\alpha-as partyl-L-lysyl-L-lysyl-L-as paraginyl-L-\alpha-as partyl-L-\alpha-as party$

tryptophyl-L-lysyl-L-histidyl-L-asparaginyl-L-isoleucyl-L-threonyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₂₂₆H₃₃₈N₆₀O₆₄S

Molecular Weight: 4951.53

Storage: Sealed storage, away from moisture and light

Powder -80° C 2 years -20° C 1 year

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

Chemical Structure:

YAPGTFISDYSIAMDKIHQQDFVNWLLAQKGKKNDWKHNITQ

ANALYTICAL DATA

Appearance: White to off-white (Solid)

LCMS: Consistent with structure

Purity (LCMS): 99.79%

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

Caution: Product has not been fully validated for medical applications. For research use only.

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