Certificate of Analysis

Cholecystokinin-33 (free acid)

Cat. No.: HY-P2932A Batch No.: 316958

Chemical Name: Lys-Ala-Pro-Ser-Gly-Arg-Met-Ser-Ile-Val-Lys-Asn-Leu-Gln-Asn-Leu-Asp-Pro-Ser-His-Arg-Ile-Ser-As

p-Arg-Asp-{Tyr(SO3H)}-Met-Gly-Trp-Met-Asp-Phe

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{167}H_{262}N_{50}O_{53}S_4$

Molecular Weight: 3946.43

Storage: Sealed storage, away from moisture and light

> -80°C Powder 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:

ANALYTICAL DATA

Appearance: White to off-white (Solid) MS: Consistent with structure

Purity (HPLC): 95.05%

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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