## **Certificate of Analysis**

## Cyclotraxin B

Cat. No.: HY-P1178 CAS No .: 1203586-72-4 Batch No.: 445305

**Chemical Name:**  $L-Cysteine, L-cysteinyl-L-asparaginyl-L-prolyl-L-methionylglycyl-L-tyrosyl-L-threonyl-L-lysyl-L-\alpha (Cysteine, L-cysteinyl-L-asparaginyl-L-prolyl-L-methionylglycyl-L-tyrosyl-L-threonyl-L-lysyl-L-(Cysteine, L-cysteinyl-L-asparaginyl-L-prolyl-L-methionylglycyl-L-tyrosyl-L-threonyl-L-lysyl-L-(Cysteine, L-cysteinyl-L-asparaginyl-L-prolyl-L-methionylglycyl-L-tyrosyl-L-threonyl-L-lysyl-L-(Cysteine, L-cysteinyl-L-asparaginyl-L-prolyl-L-methionylglycyl-L-tyrosyl-L-threonyl-L-lysyl-L-(Cysteine, L-cysteinyl-L-asparaginyl-L-prolyl-L-methionylglycyl-L-tyrosyl-L-threonyl-L-lysyl-L-(Cysteine, L-cysteinyl-L-asparaginyl-L-prolyl-L-methionylglycyl-L-tyrosyl-L-threonyl-L-lysyl-L-(Cysteinyl-L-asparaginyl-L-asparaginyl-L-asparaginyl-L-asparaginyl-L-(Cysteinyl-L-asparaginyl-L-aspara$ 

-glutamylglycyl-, cyclic (1→11)-disulfide

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{48}H_{73}N_{13}O_{17}S_3$ 

**Molecular Weight:** 1200.37

Storage: Stored under nitrogen, away from moisture

> Powder -80°C 2 years -20°C 1 year

\* In solvent: -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)

**Chemical Structure:** 

## **ANALYTICAL DATA**

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

Purity (HPLC): 98.11%

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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