Certificate of Analysis

Ceratotoxin A

Cat. No.: HY-P1581 CAS No .: 150671-04-8 Batch No.: 329920

Chemical Name: L-Proline, L-seryl-L-isoleucylglycyl-L-seryl-L-alanyl-L-leucyl-L-lysyl-L-lysyl-L-alanyl-L-leucyl-L-pr

olyl-L-valyl-L-alanyl-L-lysyl-L-isoleucylglycyl-L-lysyl-L-isoleucyl-L-alanyl-L-leucyl-L-prolyl

-L-isoleucyl-L-alanyl-L-lysyl-L-alanyl-L-leucyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{135}H_{243}N_{35}O_{32}$

2868.59 **Molecular Weight:**

Storage: Sealed storage, away from moisture

> Powder -80°C 2 years

-20°C 1 year

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

Chemical Structure:

SIGSALKKALPVAKKIGKIALPIAKAALP

ANALYTICAL DATA

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

Purity (HPLC): 99.61%

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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