

## Certificate of Analysis

Product Name: FNIII14 (sodium salt)  
Cat. No.: GC92113  
Batch No.: 2  
Chemical Name: L-threonyl-L- $\alpha$ -glutamyl-L-alanyl-L-threonyl-L-isoleucyl-L-threonylglycyl-L-leucyl-L- $\alpha$ -glutamyl-L-prolylglycyl-L-threonyl-L- $\alpha$ -glutamyl-L-tyrosyl-L-threonyl-L-isoleucyl-L-tyrosyl-L-valyl-L-isoleucyl-L-alanyl-L-leucine, sodium salt

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.:  
Molecular Formula:  $C_{103}H_{163}N_{21}O_{35} \cdot XNa$   
Molecular Weight: 2255.5  
Storage:  $-20^{\circ}C$   
Chemical Structure:  
$$\begin{array}{c} H-Thr-Glu-Ala-Thr-Ile-Thr-Gly-Leu-Glu-Pro- \\ Gly-Thr-Glu-Tyr-Thr-Ile-Tyr-Val-Ile-Ala- \\ Leu-OH \\ \cdot XNa \end{array}$$

### ANALYTICAL DATA

Appearance: A solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >95.00%  
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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