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**Certificate of Analysis**

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Product Name: b-Casomorphin (1-3)  
Cat. No.: GP10125  
Batch No.: 1  
Chemical Name: 2-[[1-[2-amino-3-(4-hydroxyphenyl)propanoyl]pyrrolidine-2-carbonyl]amino]-3-phenylpropanoic acid

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 72122-59-9  
Molecular Formula: C<sub>23</sub>H<sub>27</sub>N<sub>3</sub>O<sub>5</sub>  
Molecular Weight: 425.48  
Storage: Store at -20°C  
Chemical Structure:

**ANALYTICAL DATA**

Appearance: solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >98%  
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.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA