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**Product Name:** human Insulin expressed in yeast  
**Catalog Number:** BCC7689  
**Batch Number:** KLKH12b01

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## 1. PHYSICAL AND CHEMICAL PROPERTIES

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**Molecular Formula:** C257H383N65O77S6  
**Molecular Weight:** 5807.57  
**Purity:** >98%  
**Cas Number:** 11061-68-0

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## 2. ANALYTICAL DATA

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**HPLC:** Shows >98% purity  
**NMR:** Consistent with structure

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## 3. CHEMICAL STRUCTURE

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Gly-Ile-Val-Glu-Gln-Cys-Cys-Thr-Ser-Ile-Cys-Ser-Leu-  
Tyr-Gln-Leu-Glu-Asn-Tyr-Cys-Asn  
Phe-Val-Asn-Gln-His-Leu-Cys-Gly-Ser-His-Leu-Val-  
Glu-Ala-Leu-Tyr-Leu-Val-Cys-Gly-Glu-Arg-Gly-Phe-  
Phe-Tyr-Thr-Pro-Lys-Thr

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## 4. USAGE GUIDE

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**Storage:** Store the product in sealed, cool and dry condition.  
**General tips:** For obtaining a higher solubility, please warm the tube at 37 degrees Celsius (98.6 degrees Fahrenheit) and shake it in the ultrasonic bath for a while.

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**Authorized Signature:**

**Date:**