Certificate of Analysis

Product Name:	Glucose-dependent Insulinotropic Polypeptide (1-42) (porcine) (trifluoroacetate salt)
Cat. No.:	GC92133
Batch No.:	1
Chemical Name:	L-tyrosyl-L-alanyl-L-α-glutamylglycyl-L-threonyl-L-phenylalanyl-L-isoleucyl-L-seryl-L-α-aspartyl-L-tyrosyl-L-seryl-L-isoleucyl-L-alanyl-L-methionyl-L-α-aspartyl-L-lysyl-L-isoleucyl-L-arginyl-L-glutaminyl-L-glutaminyl-L-α-aspartyl-L-phenylalanyl-L-valyl-L-asparaginyl-L-tryptophyl-L-leucyl-L-leucyl-L-alanyl-L-glutaminyl-L-lysylglycyl-L-lysyl-L-lysyl-L-seryl-L-α-aspartyl-L-tryptophyl-L-lysyl-L-histidyl-L-asparaginyl-L-isoleucyl-L-threonylL-tyrosyl-L-alanyl-L-α-glutamylglycyl-L-threonyl-L-phenylalanyl-L-isoleucyl-L-seryl-L-α-aspartyl-L-tyrosyl-L-seryl-L-isoleucyl-L-alanyl-L-methionyl-L-α-aspartyl-L-lysyl-L-isoleucyl-L-arginyl-L-glutaminyl-L-glutaminyl-L-α-aspartyl-L-phenylalanyl-L-valyl-L-asparaginyl-L-tryptophyl-L-leucyl-L-leucyl-L-alanyl-L-glutaminyl-L-lysylglycyl-L-lysyl-L-lysyl-L-seryl-L-α-aspartyl-L-tryptophyl-L-lysyl-L-histidyl-L-asparaginyl-L-isoleucyl-L-threonyl-L-glutamine, trifluoroacetate salt

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.:	
Molecular Formula:	$C_{225}H_{342}N_{60}O_{66}S$? XCF_3COOH
Molecular Weight:	4975.6
Storage:	-20°C
Chemical Structure:	H—Tyr—Ala—Glu—Gly—Thr—Phe—Ile—Ser—Asp—Tyr—Ser—Ile—Ala—Met—Asp—Lys—Ile—Arg—Gln—Gln—Asp—Phe—Val—Asn—Trp—Leu—Leu—Ala—Gln—Lys—Gly—Lys—Lys—Ser—Asp—Trp—Lys—His—Asn—Ile—Thr—Gln—OH • XCF_3COOH

ANALYTICAL DATA

Appearance:	A solid
HNMR:	Consistent with structure
HPLC:	Consistent with structure
Purity:	>98.00%
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.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA