

Certificate of Analysis



Product Identification		
Catalog number	HB3157	H-His-Gly-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Leu-Ser-Lys-Gln-Met-Glu-Glu-Glu-Ala-Val-Arg-Leu-Phe-Ile-Glu-Trp-Leu-Lys-Asn-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Ser-NH ₂
Compound name	Exendin 4	
Amino acid sequence	HGEGTFTSDLSKQMEEEAVRLFIEW LKNGGPSSGAPPPS	
Modifications	Ser-39 = C-terminal amide	
Batch number	E0983-1-1	
Batch molecular formula	C ₁₃₄ H ₂₁₂ N ₂₂ O ₂₈ S	
Batch molecular weight	4185.72	
Salt form	TFA Salt	

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >95% purity	Meets specification: 96.39%
Peptide content	Peptide content between 60 % and 100 %	Meets specification: 84%
Mass spectrum	Mass spec analysis consistent with structure	Meets specification
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in water (1 mg/ml)	Meets specification

Produced by	Signature	
Passed by	Signature	
	Date	05-04-19

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.