

Certificate of Analysis



Product Identification		
Catalog number	HB2916	
Compound name	Neuropeptide Y 13-36 (porcine)	
Amino acid sequence	PAEDLARYYYSALRHYINLITRQRY	H-Pro-Ala-Glu-Asp-Leu-Ala-Arg-Tyr-Tyr-Ser-Ala-Leu-Arg-His-Tyr-Ile-Asn-Leu-Ile-Thr-Arg-Gln-Arg-Tyr-NH2
Modifications	Tyr-24 = C-terminal amide	
Batch number	E1071-1-1	
Batch molecular formula	C ₁₃₆ H ₂₂₉ N ₄ O ₃₆	
Batch molecular weight	2982.40	
Salt form	TFA Salt	

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >95% purity	Meets specification: 97.94%
Peptide content	Peptide content between 60 % and 100 %	Meets specification: 72.3%
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 (0.8 mg/ml)	Meets specification

Produced by	Signature	
Passed by	Signature	
	Date	09-05-19

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