

Certificate of Analysis



Product Identification

Catalog number	HB2935	H-Tyr-Phe-Ser-Lys-Phe-Asp-Asn-Phe-Gly-Glu-Asp-Ala-Pro-Ala-Glu-Asp-Met-Ala-Arg-Tyr-Tyr-Ser-Ala-Leu / Arg His Tyr Ile Asn Leu Ile Thr Arg Gln Arg Tyr-NH ₂
Compound name	Neuropeptide Y (human, rat)	
Amino acid sequence	YPSKPDNPGEDAPAEDMARYYSALRHYINLITRQRY	
Modifications	Tyr-36 is C-terminal amide	
Batch number	E2130-1-1	
Batch molecular formula	C ₁₂₈ H ₂₀₂ N ₁₀ O ₂₇ S	
Batch molecular weight	4271.66	
Salt form	TFA Salt	

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >95% purity	Meets specification: 98.4%
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

15/11/2022

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