

Certificate of Analysis



Product Identification

Catalog number	HB3575	
Compound name	Gastrin 1 (human)	
Amino acid sequence	XGPWLEEEEEAYGWMDF-Amidation	H-Pyr-Gly-Pro-Trp-Leu-Glu-Glu-Glu-Glu-Glu-Ala-Tyr-Gly-Trp-Met-Asp-Phe-NH ₂
Modifications	X = Glp	
Batch number	E1208-1-1	
Batch molecular formula	C ₂₇ H ₁₂₄ N ₂₀ O ₃₁ S	
Batch molecular weight	2098.20	
Salt form	TFA Salt	

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >95% purity	Meets specification: 95.5%
Peptide content	Peptide content between 60 % and 100 %	Meets specification: 69.7%
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

15-10-19

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