

# Certificate of Analysis



## Product Identification

Catalog number	HB3238
Compound name	Galanin (1-30) (human)
Amino acid sequence	GWTLNSAGYLLGPHAVGNHRFSKDKNGLTS
Modifications	N/A
Batch number	E2054-1-1
Batch molecular formula	$C_{139}H_{210}N_{42}O_{43} \cdot xH_2O$
Batch molecular weight	3157.44
Salt form	TFA Salt

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >95% purity	Meets specification: 98.1%
Peptide content	Peptide content between 60 % and 100 %	Meets specification: 77.3%
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 (1 mg/ml)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

10/08/2022

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