

# Certificate of Analysis



## Product Identification

Catalog number	HB3205
Compound name	Galanin (1-29) (rat, mouse)
Amino acid sequence	GWTLNSAGYLLGPH AIDNHRFS DKHGLT
Modifications	Thr-29 = C-terminus
Batch number	E2053-1-1
Batch molecular formula	$C_{141}H_{211}N_{43}O_{41} \cdot xH_2O$
Batch molecular weight	3164.48
Salt form	TFA Salt

Method	QC requirement	QC Result
<b>HPLC</b>	Reverse Phase HPLC shows >95% purity	Meets specification: 98.4%
<b>Peptide content</b>	Peptide content between 60 % and 100 %	Meets specification: 74.3%
<b>Mass spectrum</b>	Mass spec analysis consistent with structure	Meets specification
<b>Physical appearance</b>	White to off-white solid	Meets specification: White solid
<b>Solubility</b>	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.