

# Certificate of Analysis



## Product Identification

Catalog number	HB5438	
Compound name	Spadin	
Amino acid sequence	YAPLPRWSGPIGVSWGLR	H-Tyr-Ala-Pro-Leu-Pro-Arg-Trp-Ser-Gly-Pro-Ile-Gly-Val-Ser-Trp-Gly-Leu-Arg-OH
Modifications	N/A	
Batch number	E2082-1-1	
Batch molecular formula	$C_{96}H_{142}N_{26}O_{22}$	
Batch molecular weight	2012.34	
Salt form	TFA Salt	

Method	QC requirement	QC Result
<b>HPLC</b>	Reverse Phase HPLC shows >95% purity	Meets specification: 98.8%
<b>Peptide content</b>	Peptide content between 60 % and 100 %	Meets specification: 78.5%
<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

16/09/2022

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