

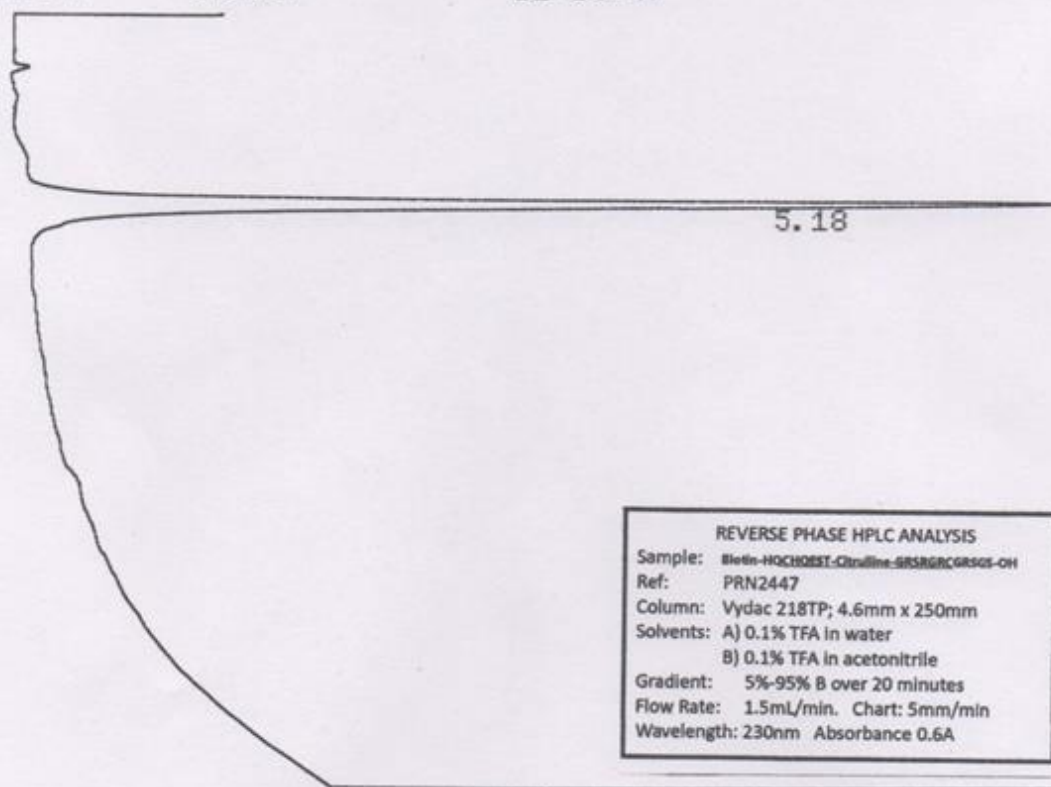
## CCP peptide (Biotin)

Cat#: Orb55851 (CoA)

Peptide Reference	Customer Reference	Batch Number	
PRN2447	L43	2447-B1005	
N-Terminus	Peptide Sequence	C-Terminus	
Biotin-	<u>HQCHQEST-Citrulline-GRSRGRCGRSGS</u>	-OH	
Required	50mg gross >95%	Prepared	21mg gross >95%
High Pressure Liquid Chromatography	Variable	Conditions	
	Column Solvent A Solvent B Gradient  Flow Rate Chart Speed Temperature Detection $\lambda$ Absorbance	Vydac 218TP; 4.6mm x 250mm 0.1% Trifluoroacetic acid in water 0.1% Trifluoroacetic acid in acetonitrile <b>(a) 5% - 95% B over 20 minutes</b> <b>(b) 5% - 25% B over 20 minutes</b> (a) 1.5cm <sup>3</sup> .min <sup>-1</sup> (b) 1.5cm <sup>3</sup> .min <sup>-1</sup> 5mm. min <sup>-1</sup> Ambient 230nm (a) 0.6A (b) 0.6A	
Mass Analysis	Calculated Molecular Weight:	2567.8 Da	
	Analysed Molecular Weight:	2567.3 Da	
Notes	Disulfide bridge formed by air oxidation.		

# High Performance Liquid Chromatogram

CHANNEL A INJECT 22:36:47

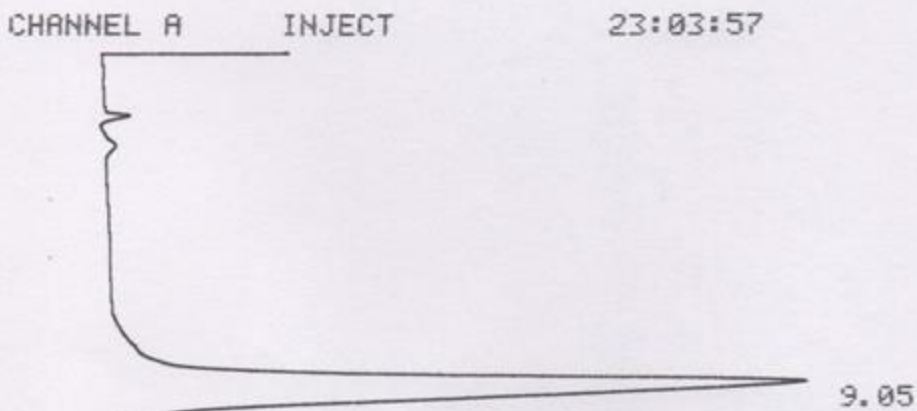


**REVERSE PHASE HPLC ANALYSIS**  
 Sample: Biotin-HOCHOST-Citrulline-SRSRGRGGRSOS-OH  
 Ref: PRN2447  
 Column: Vydac 218TP; 4.6mm x 250mm  
 Solvents: A) 0.1% TFA in water  
           B) 0.1% TFA in acetonitrile  
 Gradient: 5%-95% B over 20 minutes  
 Flow Rate: 1.5mL/min. Chart: 5mm/min  
 Wavelength: 230nm Absorbance 0.6A

22:36:47 CH= "A" PS= 1.

FILE	1.	METHOD	0.	RUN	384	INDEX	384
PEAK#	AREA%	RT	AREA	BC			
1	100.	5.18	214520	01			
TOTAL	100.		214520				

# High Performance Liquid Chromatogram



**REVERSE PHASE HPLC ANALYSIS**  
 Sample: Met-HOCHQEST-Citrulline-SESNGRCGSGS-OH  
 Ref: PRN2447  
 Column: Vydac 218TP; 4.6mm x 250mm  
 Solvents: A) 0.1% TFA in water  
           B) 0.1% TFA in acetonitrile  
 Gradient: 5% - 25% B over 20 minutes  
 Flow Rate : 1.5mL/min. Chart: 5mm/min  
 Wavelength: 230nm Absorbance 0.6A

23:03:57 CH= "A" PS= 1.

FILE	1.	METHOD	0.	RUN	385	INDEX	385
PEAK#	AREA%	RT	AREA	BC			
1	100.	9.05	324033	01			
TOTAL	100.		324033				

