

**Client: NextgenPeps**  
 support@nextgenpeps.com  
 nextgenpeps.com

 Sample received: **07/09/25**  
 Analysis conducted: **07/17/25**

Compound:	BPC-157	CAS:	137525-51-0
Batch/Lot #:	MG2025661BB10	Formula:	C62H98N16O22
Appearance:	White lyophilized powder	Mol Wt:	1419.5 g/mol

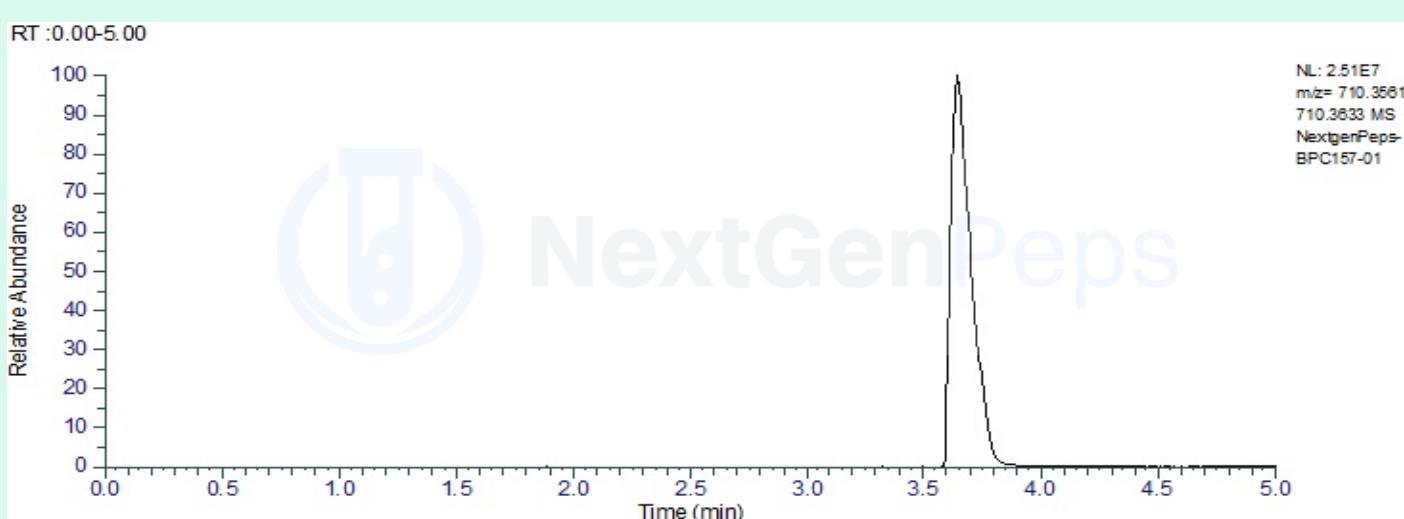
**Method:** Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

**Pubchem CID:** 9941957

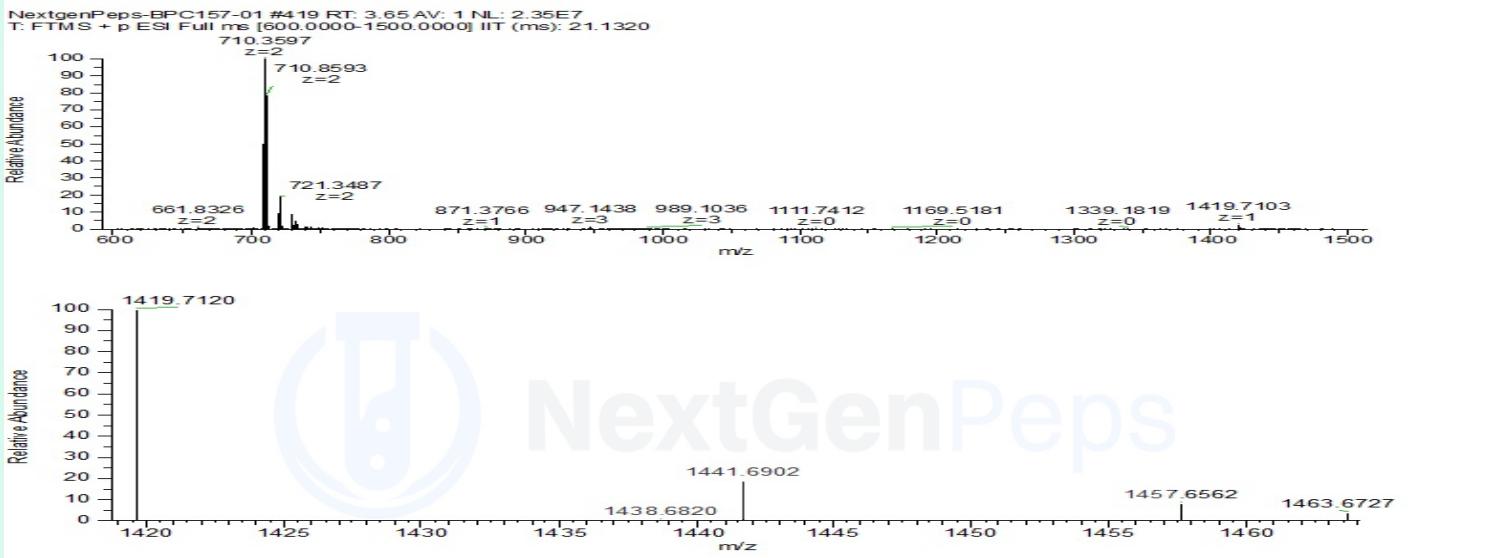
[BPC 157](#) | [C62H98N16O22](#) | [CID 9941957](#) - PubChem

	Specification	Result	
Identity Test:	BPC 157	<b>BPC 157</b>	<b>Conforms</b>
Quantity:	5 mg	-	<b>N/A</b>
Purity:	>98%	<b>99.11%</b>	<b>Conforms</b>

#### LC-MS Chromatogram: Retention Time and Peak Analysis



# Full Scan Mass Spectrometry Analysis



## Analysis Performed by

Dr. Roberto Marin  
Analytical Chemist  
contact@bioregen.com

COA #10679  
Security Key **NEXTPEPS0**  
[bioregen.com/verify](http://bioregen.com/verify)



**Client: NextgenPeps**  
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 Sample received: **07/09/25**  
 Analysis conducted: **07/17/25**

Compound:	TB500 (TB4)	CAS:	77591-33-4
Batch/Lot #:		Formula:	C212H350N56O78S
Appearance:	White lyophilized powder	Mol Wt:	4963 g/mol

**Method:** Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

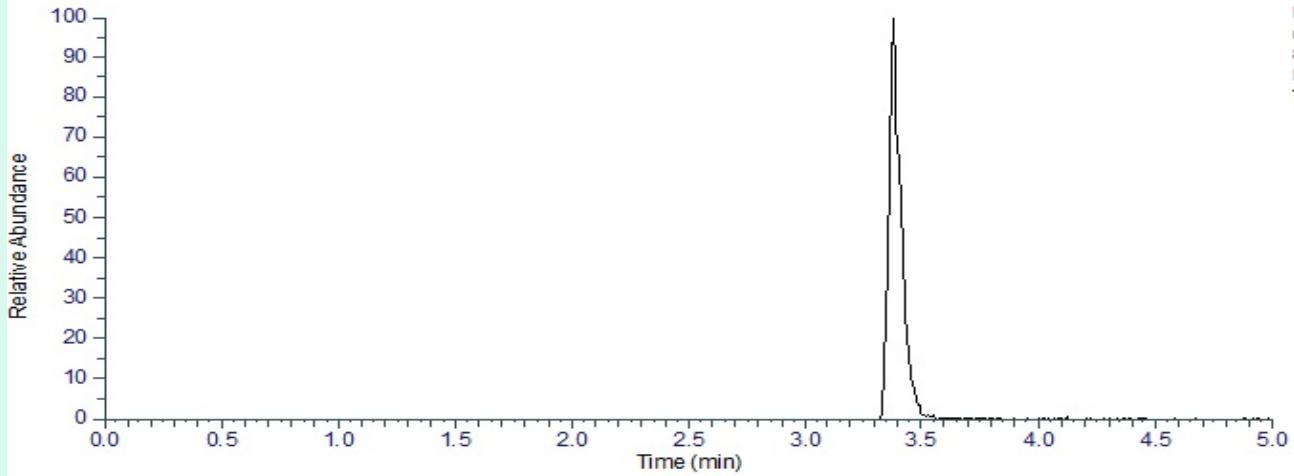
**Pubchem CID:** 45382195

**TB4 | C212H350N56O78S | 45382195**

	Specification	Result	
Identity Test:	TB500 (Thymosin Beta 4)	<b>Thymosin Beta 4</b>	<b>Conforms</b>
Quantity:	5 mg	-	<b>N/A</b>
Purity:	>98%	<b>99.50%</b>	<b>Conforms</b>

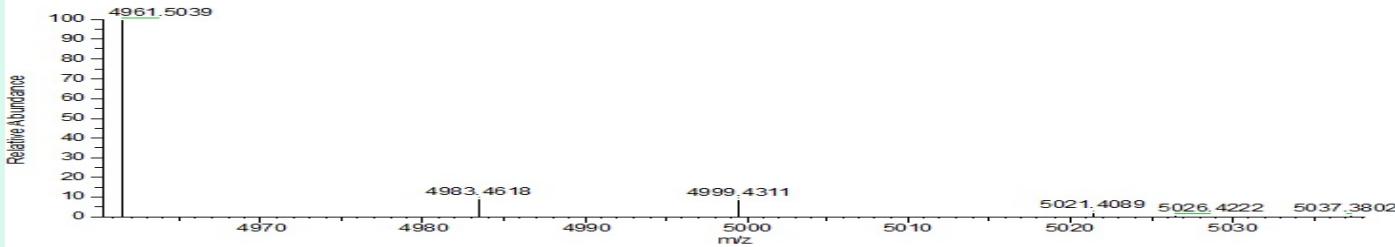
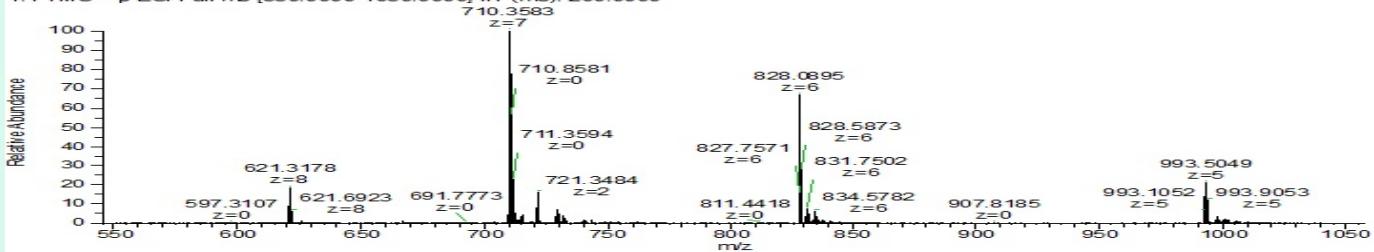
#### LC-MS Chromatogram: Retention Time and Peak Analysis

RT : 0.00-5.00



## Full Scan Mass Spectrometry Analysis

NextgenPeps-TB500-01 #388 RT: 3.38 AV: 1 NL: 9.05E5  
T: FTMS + p ESI Full ms [550.0000-1050.0000] IIT (ms): 200.0000



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