

**Client: NG Peptides**  
admin@ngpeptide.com

Sample received: **08/14/25**  
Analysis conducted: **08/22/25**

Compound:	Retatrutide	CAS:	2381089-83-2
Batch/Lot #:	RT28	Formula:	C221H342N46O68
Appearance:	White lyophilized powder	Mol Wt:	4845.444 g/mol

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

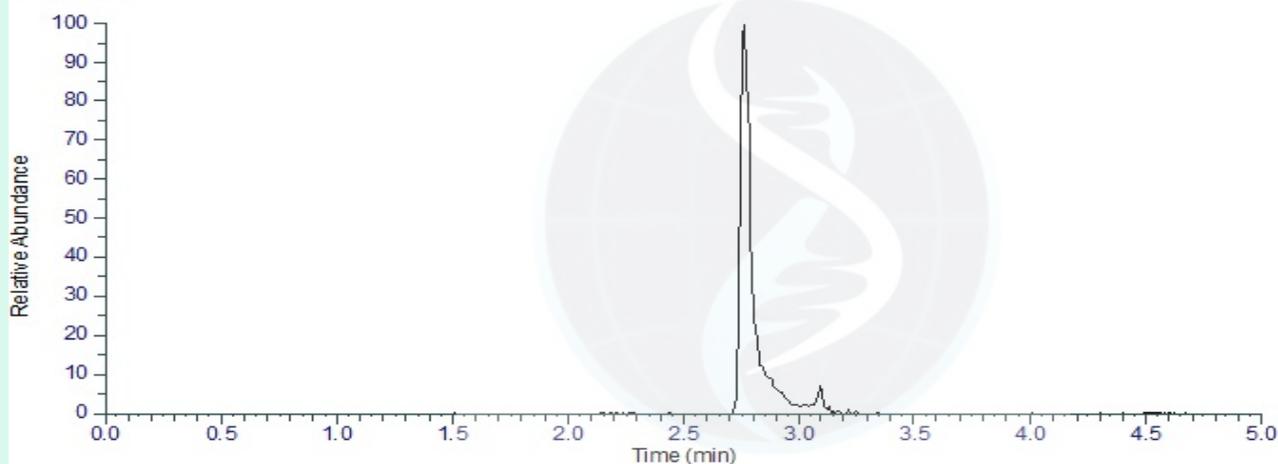
**Pubchem CID:** 171390338

Retatrutide | C221H342N46O68 | Pubchem CID 171390338

	Specification	Result	
Identity Test:	Retatrutide	<b>Retatrutide</b>	<b>Conforms</b>
Quantity:	30 mg ± 15%	33.08 mg	<b>Conforms</b>
Purity:	>98%	<b>99.84%</b>	<b>Conforms</b>

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

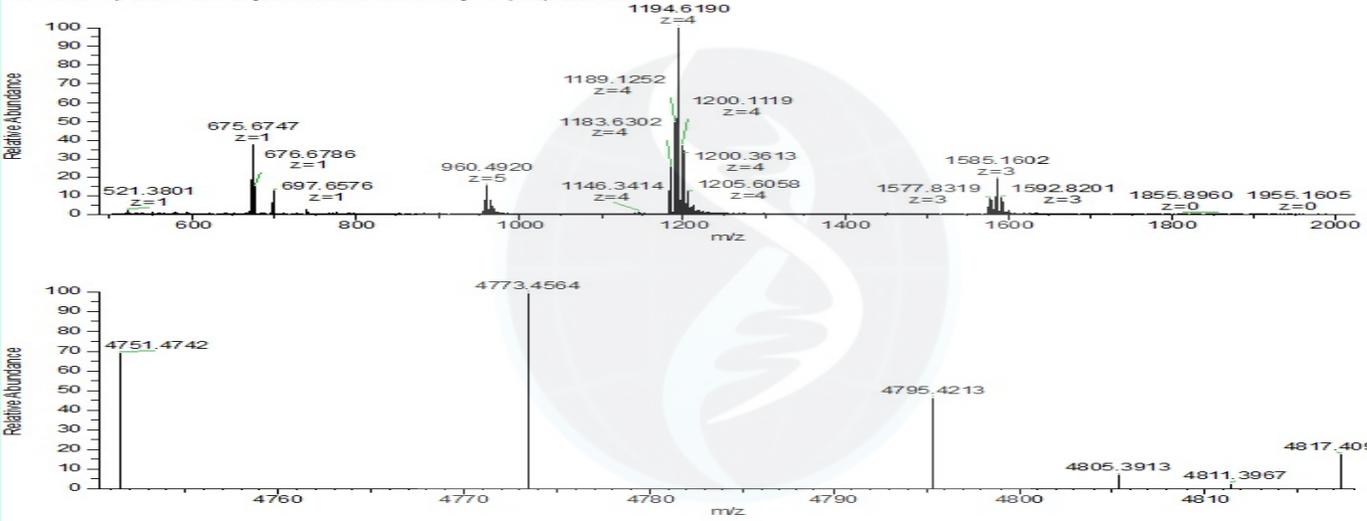
RT :0.00-5.00



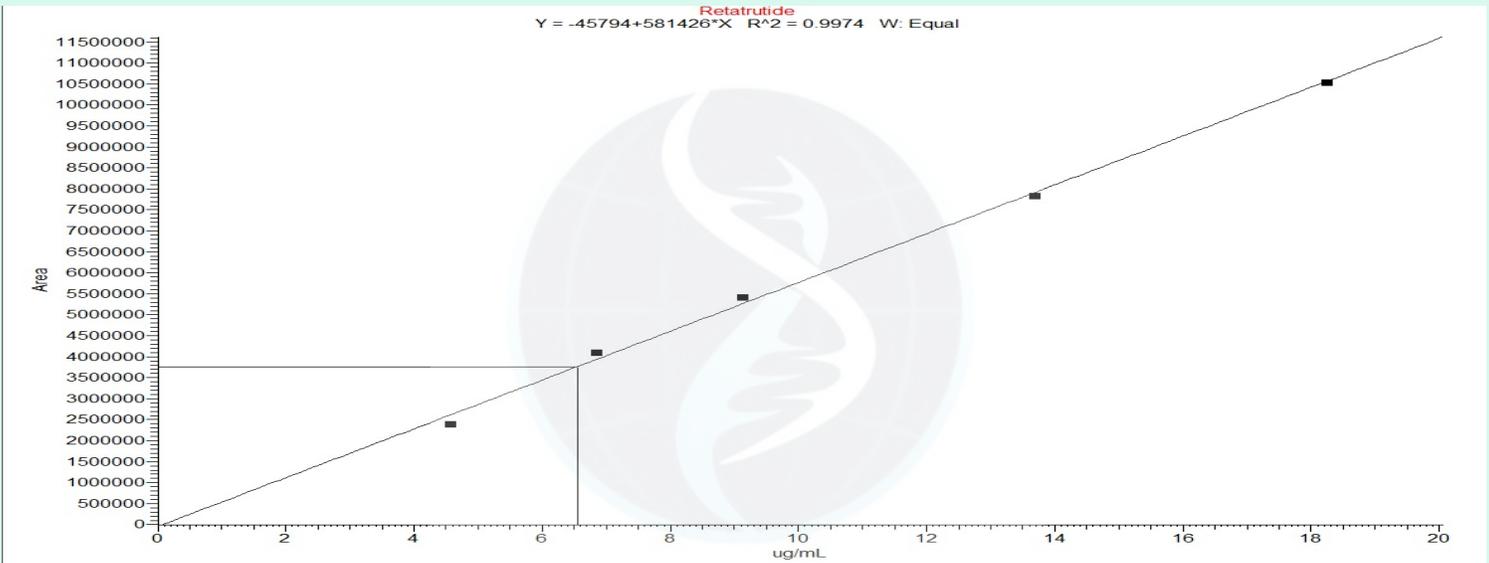
NL: 9.91E5  
m/z= 1194.61-  
1194.62 MS  
NG-Retatrutide-  
30mg-01

# Full Scan Mass Spectrometry Analysis

NG-Retatrutide-30mg-01 #317 RT: 2.76 AV: 1 NL: 9.82E5  
T: FTMS + p ESI Full ms [500.0000-2000.0000] IIT (ms): 200.0000



# Calibration Curve



## Analysis Performed by

Dr. Roberto Marin  
Analytical Chemist  
contact@bioregen.com

COA #10853  
Security Key **NGPEPTIDE**  
bioregen.com/verify



*Roberto Marin*