

Creative Peptides Inc.

Octreotide Acetate FT-8

Product Name	Octreotide Acetate FT-8		
CAT#	10-101-26	Batch No.	Pep00162-160406
M.F/Formula	$C_{49}H_{66}N_{10}O_{10}S_2$	Molecular Weight	1019.82
Batch size	2.68 g	MFG. Date	01/18/2017
Retest Date	01/17/2019		
Sequence	H-D-Phe-Cys-Phe-D-Trp-Lys-Thr-Cys-L-threoninol acetate salt (Disulfide bond)		
TESTING ITEM	SPECIFICATION	RESULT	
Appearance	White to off white powder	Conforms	
MS	1019.82±1	1019.82 by MS [M+H] ⁺	
Purity (HPLC)	≥98.0%	99.11% (HPLC, 220 nm, C18, linear gradient)	
Store at	Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstitute in PBS or water. Reconstituted protein/peptide can be stored at 4°C for a limited period of time. The lyophilized peptide remains stable for up to 2 year when stored at -20°C.		
Conclusion	Correspond		

Remark This product is supplied as acetate salt

QA:

Sharon Lee

QC:

Paulo Park

Date:

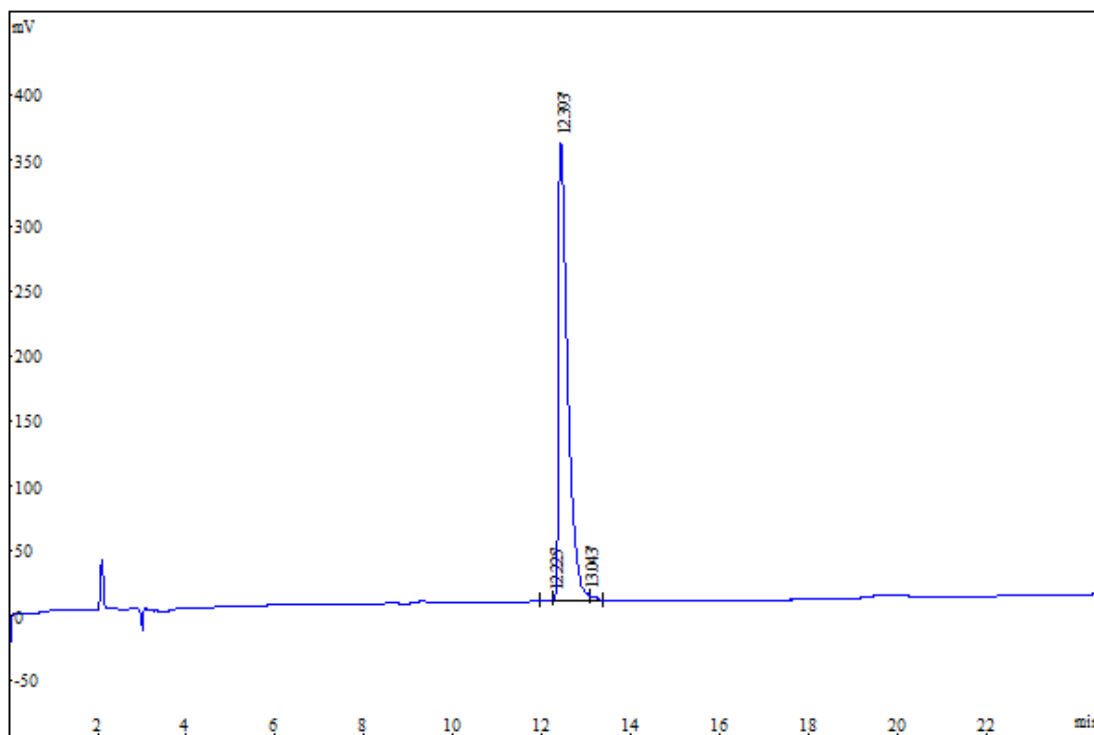
Jan. 18, 2017

HPLC REPORT

Sample: Octreotide Acetate FT-8
 Lot. No. Pep00162-160406
 Column: 4.6*250mm,kromasil C18-5
 Solvent A 0.1%Trifluoroacetic in 100% Acetonitrile
 Solvent B 0.1%Trifluoroacetic in 100% Water
 Gradient:

	A	B
0.01min	22%	78%
25.0min	47%	53%
25.1min	100%	0%
30.0min	Stop	

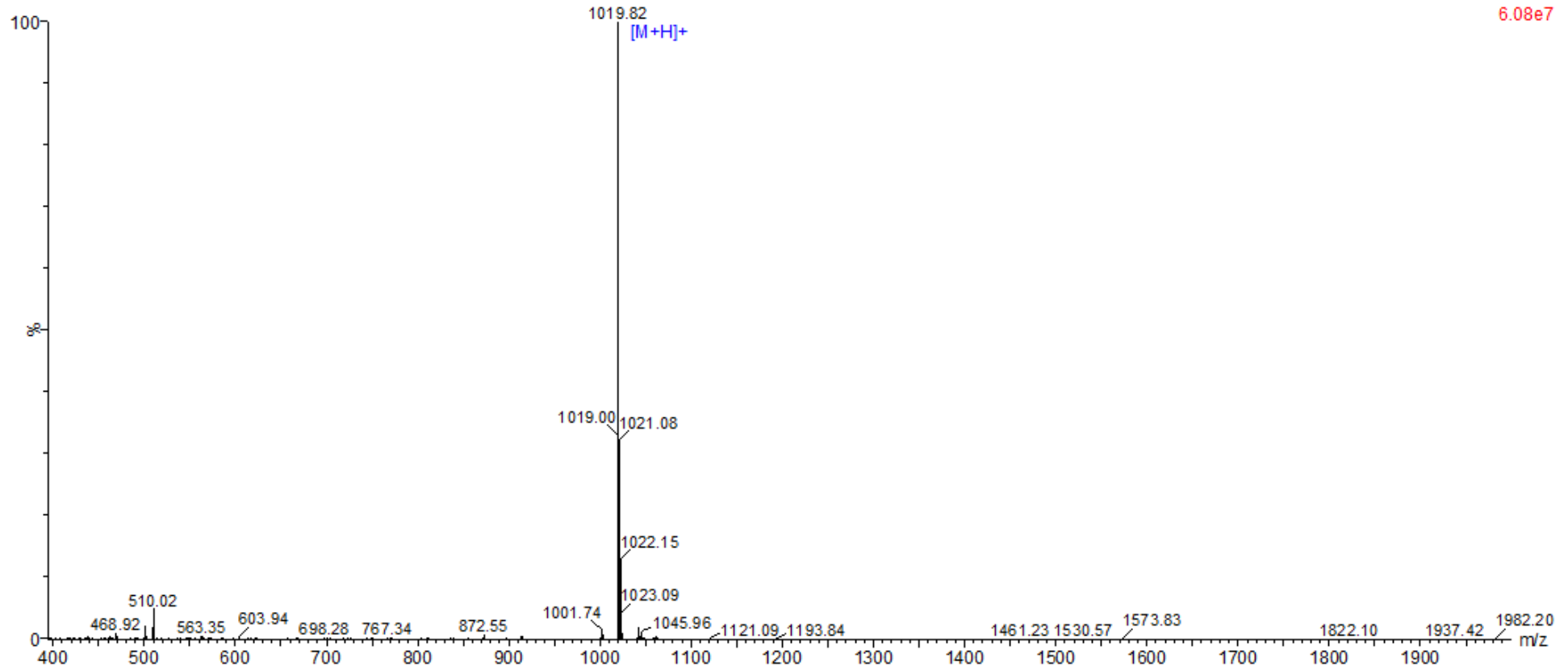
Volume: 10µl Wavelength: 220 nm Flow rate: 1.0 ml/min



Peak No.	Ret Time	Height	Area	Conc.
1	12.225	1852	15156	0.3188
2	12.393	352351	4710751	99.11
3	13.043	3103	27380	0.576
Total		357306	4753287	100.00

MASS SPECTROMETRY REPORT

6.08e7



Sample Description

Analyzed date:	2016/11/09	Probe:	ESI	Probe Bias:	+4.5kv
Analyst:	YU	Nebulizer Gas Flow:	1.5L/min	Detector:	1.5kv
Sample:	Octreotide Acetate FT-8	CDL:	-20.0v	T. Flow:	0.2ml/min
M.W.:	1019.24	CDL Temp.:	250 °C	B. Conc.:	50%H2O/50%ACN
Lot. No.:	Pep00162-160406	Block Temp.:	200 °C		