

Creative Peptides Inc.

Teduglutide

Product Name	Teduglutide		
CAT#	M3412132	CAS No.	197922-42-2
M.F./Formula	C ₁₆₄ H ₂₅₂ N ₄₄ O ₅₅ S	Molecular Weight	3752.13
Batch No.	CPT1491-5-160823	Batch size	2.63 g
MFG. Date	12/01/2016	Retest Date	11/30/2018
Sequence	H-His-Gly-Asp-Gly-Ser-Phe-Ser-Asp-Glu-Met-Asn-Thr-Ile-Leu-Asp-Asn-Leu-Ala-Ala-Arg-Asp-Phe-Ile-Asn-Tr p-Leu-Ile-Gln-Thr-Lys-Ile-Thr-Asp-OH		
TESTING ITEM	SPECIFICATION	RESULT	
Appearance	White to off-white powder	White powder	
HPLC	Retention time is same with the reference substance	Conforms	
Molecular Ion Mass	3752.13±1	Conforms	
Purity (HPLC)	NLT 98.0%	99.62%	
Related substances (HPLC)	Total impurities: NMT 2.0% Any impurity: NMT 1.0%	Total impurities: 0.38% Any impurity: 0.16%	
Acetic acid Content (HPLC)	NMT 15.0%	0.26%	
Water Content	NMT 10.0%	9.74%	
TFA Content (HPLC)	NMT 1.0%	0.15%	
Storage	Store at 25 degree for transportation; Store at 2 to 8 degree long term storage		
Conclusion	Correspond		

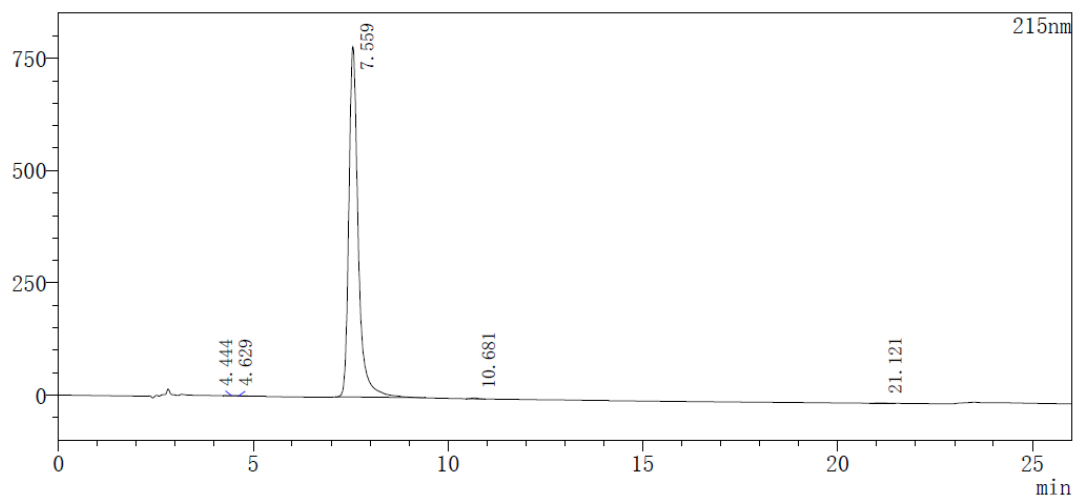
Remark: This peptide was prepared by chemical synthesis. Used only for research. Not for human use.

QA:
Sharon Lee
QC:
Paulo Park
Date:
Dec. 01, 2016

HPLC REPORT

Sample:	Teduglutide		
Data file name:	20161008-C0467-160823.lcd		
Method file name:	C00467.lcm		
Batch file name:	20161008-C0467-1.lcb		
Sample Vial:	1-39	Sample Type:	N/A
Injection Volume:	10µl		
Date of Analysis:	2016/10/7 12:57:09	Analyst:	System Administrator
Processing date:	2016/10/7 13:33:04	Handled by:	System Administrator

mV



Peak No.	Ret Time	Area	Conc.
1	4.444	9546.659	0.07
2	4.629	6039.789	0.05
3	7.559	13091184.578	99.62
4	10.681	21651.781	0.16
5	21.121	12699.789	0.10
Total		13141122.596	100.00

MASS SPECTROMETRY REPORT

