

## Creative Peptides Inc.

### Linaclotide

<b>Product Name</b>	Linaclotide		
<b>CAT#</b>	10-101-161	<b>Batch No.</b>	Pep060115-1161
<b>M.F/Formula</b>	$C_{59}H_{79}N_{15}O_{21}S_6$	<b>Molecular Weight</b>	1526.74
<b>Batch size</b>	16.03 G	<b>MFG. Date</b>	06/01/2015
<b>Retest Date</b>	05/31/2017		
<b>Sequence</b>	H-Cys1-Cys2-Glu-Tyr-Cys5-Cys6-Asn-Pro-Ala-Cys10-Thr-Gly-Cys13-Tyr-OH (Disulfide bridge: 1-6; 2-10; 5-13)		
<b>TESTING ITEM</b>	<b>SPECIFICATION</b>	<b>RESULT</b>	
<b>Appearance</b>	White or almost white, hygroscopic powder	White hygroscopic powder	
<b>Molecular Ion Mass</b>	1526.74±1	Conforms	
<b>Purity (HPLC)</b>	NLT 98.0%	98.4%	
<b>Related substances (HPLC)</b>	Total impurities: NMT 2.0% Any impurity: NMT 1.0%	Total impurities: NMT 1.6% Any impurity: NMT 0.39%	
<b>Water (Karl Fischer)</b>	NMT 8.0%	6.7%	
<b>TFA(HPLC)</b>	NMT 0.5%	N.D.	
<b>Store at</b>	Preserved in tight containers. At a temperature 2 to 8°C, Protected from light		
<b>Conclusion</b>	Correspond		

**QA:**
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**QC:**
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**Date:**
*Jun. 01, 2015*