



# Certificate of Analysis

Report Number: 1910018

<b>Product Name</b>	tBu-Ste-Glu(AEEA-AEEA-OH)OtBu		
<b>CAS No</b>	1118767-16-0	<b>Specifications</b>	C060A
<b>Batch Number</b>	C060A191001	<b>Quantity</b>	2kg
<b>Manufacture Date</b>	2019.10.24	<b>Report Date</b>	2019.10.25
<b>Inspection Items</b>	Complete analyses	<b>Retest Date</b>	2021.10.23
<b>Based on</b>	Quality standard for Semaglutide sidechain		
<b>Items</b>	<b>Specification</b>	<b>Analytical Results</b>	
【Appearance】	White to off-yellow liquid or cream	Consistent	
【Identification】			
<sup>1</sup> H-NMR	Conform to structure	Consistent	
【Check】			
Related substances	tBu-Ste-Glu(AEEA-OH)OtBu ≤ 0.2%	0.04%	
	tBu-Ste-Glu(β-Ala-AEEA-OH)OtBu ≤ 0.3%	0.06%	
	tBu-Ste-Glu(β-Ala-OH)OtBu ≤ 0.3%	0.29%	
	Me-Ste-Glu(AEEA-AEEA-OH)OtBu ≤ 0.2%	0.08%	
	Any single unspecified ≤ 0.5%	0.34%	
D-Isomer	≤ 0.1%	0.03%	
Water content(K.F)	≤ 1.0%	0.36%	
【Purity】	≥ 98.0 %	98.27%	
<b>Conclusion</b>	The Sample Complies with the Specification of Enterprise		

Inspector: 徐春梅 2019.10.25

Examiner: 舒娟 2019.10.25

QA Manager: 吴清 2019.10.25

Storage Condition: away from light, below -20°C.

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