



## Certificate of Analysis

<b>Product Name</b>	Orexin A human, rat, mouse
<b>Catalog No.</b>	V31846
<b>Batch No.</b>	V3184601

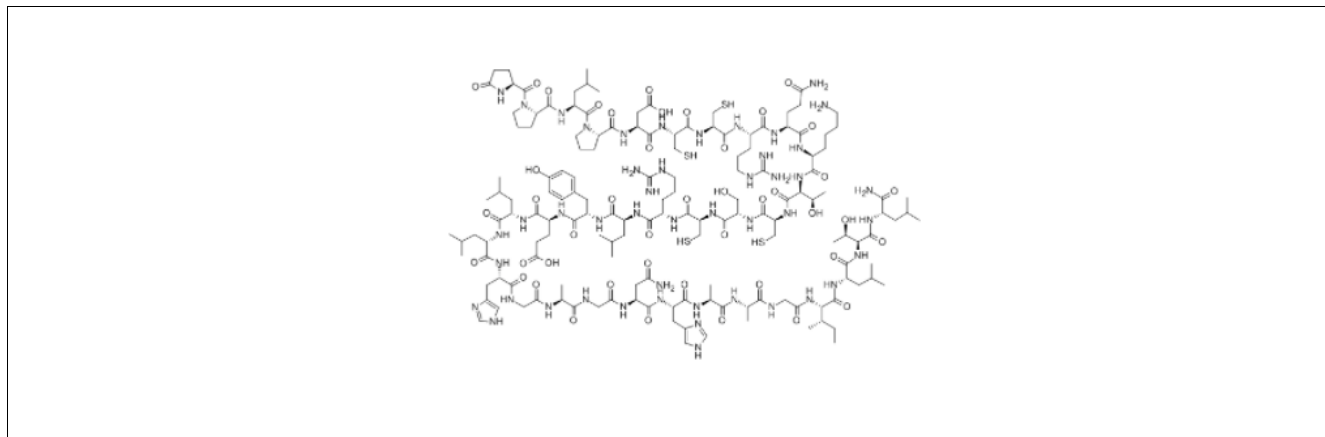
### 1. Physical and Chemical Properties

<b>Appearance</b>	Powder
<b>Molecular Formula</b>	$C_{152}H_{243}N_{47}O_{44}S_4$
<b>Molecular Weight</b>	3561.10
<b>Purity</b>	≥98%
<b>CAS No.</b>	205640-90-0
<b>Production Date</b>	05/17/2021

### 2. Analytical Data

<b>HPLC</b>	Indicates ≥98% purity
<b>NMR</b>	Consistent with structure
<b>Mass Spectrum</b>	Consistent with structure

### 3. Structure



### 4. Storage Condition

<b>Short term storage (weeks)</b>	0 - 4 °C under dry condition for six weeks
<b>Long term storage (months)</b>	-20 °C under dry condition for two years

Products are for research use only • Not for human or veterinary use