

# Certificate of Analysis

<b>Product</b>	MOTS-c	<b>CAS No.:</b>	1627580-64-6
<b>Product No.:</b>	800102	<b>Molecular Formula</b>	C <sub>101</sub> H <sub>152</sub> N <sub>28</sub> O <sub>22</sub> S <sub>2</sub>
<b>Sequence</b>	Met-Arg-Trp-Gln-Glu-Met-Gly-Tyr-Ile-Phe-Tyr-Pro-Arg-Lys-Leu-Arg		
<b>Batch No.</b>	26030503-04	<b>Quantity</b>	675.3g
<b>Mfgr. Date</b>	Mar.06 <sup>th</sup> , 2026	<b>Retest Date</b>	Mar.05 <sup>th</sup> , 2028



【 ITEMS 】	【 SPECIFICATIONS 】	【 RESULTS 】
<b>Appearance</b>	White or off-white powder	White powder
<b>Solubility</b>	Soluble in water (No less than 10mg/ml)	Conforms
<b>HPLC</b>	The principal peak in the chromatogram obtained with the test solution is similar in retention time to principal peak in the chromatogram obtained with the reference solution.	Conforms
<b>Amino acid content</b>	Tyr 1.8-2.2	2.0
	Gly 0.9-1.1	1.0
	Ile 0.9-1.1	1.0
	Met 1.8-2.2	2.0
	Lys 0.9-1.1	1.0
	Phe 0.9-1.1	1.0
	Arg 2.7-3.3	3.1
	Pro 0.9-1.1	1.0
	Leu 0.9-1.1	1.0
	Glx 1.8-2.2	1.9
<b>Mass spectrum</b>	2174.6±1.0	2174.0
<b>Related Substances(HPLC)</b>	Any individual impurity≤1.0%	0.32%
	Total impurities≤2.0%	0.84%
<b>Purity (%) (HPLC)</b>	≥98.0%	99.4%
<b>pH</b>	4.0~6.0	5.3

Acetic acid	7.6%~12.1%	7.8%
Trifluoroacetate	≤0.5%	N.D
Water content(KF)	≤8.0%	3.3%
Peptide Content	≥80.0%	88.2%
Residual solvent (GC)	Methanol NMT 3000ppm	N.D
	Methylene chloride NMT 600ppm	N.D
	Acetonitrile NMT 410ppm	N.D
	Methyl tert-butyl ether NMT 5000 ppm	N.D
	DMF NMT 880ppm	N.D
Bacterial endotoxins	Less than 10EU/mg	<3EU/mg
Microbial limits	TAMC NMT 100cfu/g TYMC NMT 100cfu/g	Conforms
Storage	In an air tight container, protected from light; Short Term:2-8°C ; Long Term:below-10°C	
Report	<i>Jie Peng</i>	Date 2026.3.6
Reviewer	<i>Fang Min</i>	Date 2026.3.6
Conclusion: This batch of product complies with Enterprise Standard.		



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# Certificate of Analysis

AOD9604 Powder (Synthetic)		CAS: 221231-10-3	
Product No.:800056		Batch No.:26030904	
Date of Mfg: Mar 10, 2026		Date of Exp:Mar 09, 2028	
Sequence: Tyr-Leu-Arg-Ile-Val-Gln-Cys-Arg-Ser-Val-Glu-Gly-Ser-Cys-Gly-Phe(Cys&Cys bridge)			
Test	Specification	Result	
Appearance	White or off-white powder	White powder	
Solubility	5mg/ml Soluble in H2O	Conforms	
MS	1815.1 ± 1.0	1814.6	
Related Substances	Unspecified impurity for each impurity: NMT1.0%	0.25%(single largest impurity)	
Purity(HPLC)	NLT 98%	99.4%	
Acetic acid	NMT 15%	9.4%	
Water Content(Karl Fischer)	NMT 8.0%	4.2%	
Peptide Content(N%)	NLT 80%	85.9%	
Bacterial Endotoxins	Less than 10EU/mg	Less than 5EU/mg	
<b>Storage</b>	In an air tight container, protected from light: Short Term:2-8°C ; Long Term:below-10°C		
<b>Report</b>	<i>Ji Peng</i>	<b>Date</b>	2026.3.10
<b>Reviewer</b>	<i>Peng Minler</i>	<b>Date</b>	2026.3.10
<b>Conclusion:</b> This batch of product complies with Enterprise Standard.			

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# Certificate of Analysis

<b>Product</b>	BPC-157 Acetate	<b>CAS No.:</b>	137525-51-0
<b>Molecular Formula</b>		C <sub>62</sub> H <sub>98</sub> N <sub>16</sub> O <sub>22</sub>	
<b>Sequence</b>	Gly-Glu-Pro-Pro-Pro-Gly-Lys-Pro-Ala-Asp-Asp-Ala-Gly-Leu-Val		
<b>Batch No.</b>	26031801-03	<b>Quantity</b>	852.2g
<b>Mfgr. Date</b>	Mar. 18 <sup>th</sup> , 2026	<b>Retest Date</b>	Mar. 17 <sup>th</sup> , 2028

【ITEMS】	【SPECIFICATIONS】	【RESULTS】
<b>Appearance</b>	White powder	White powder
<b>Solubility</b>	Soluble in H <sub>2</sub> O	Conforms
<b>HPLC</b>	The principal peak in the chromatogram obtained with the test solution is similar in retention time to principal peak in the chromatogram obtained with the reference solution.	Conforms
<b>Amino acid content</b>	Val 0.9-1.1	1.0
	Leu 0.9-1.1	1.0
	Gly 2.7-3.3	3.0
	Ala 1.8-2.2	2.0
	Asp 1.8-2.2	2.1
	Pro 3.6-4.4	4.0
	Lys 0.9-1.1	1.0
	Glu 0.9-1.1	1.0
<b>Mass spectrum</b>	1419.6± 1.0	1418.9
<b>Purity(HPLC)</b>	NLT 99.0%	99.7%
<b>Acetic acid</b>	NMT 9.0%	1.2%
<b>Water content(KF)</b>	NMT 7.0%	3.9%

<b>Peptide content(%)</b>	NLT 80.0%	94.6%
<b>Heavy metal</b>	NMT 10ppm	Conforms
<b>Residual solvent</b>	Methylene chloride NMT 600ppm	N.D
	Acetonitrile NMT 410 ppm	320ppm
	Methyl tert-butyl ether NMT 5000 ppm	N.D
	DMF NMT 880ppm	N.D
<b>Bacterial endotoxins</b>	NMT 5EU/mg	Conforms
<b>Microbial limits</b>	TAMC NMT 100cfu/g TYMC NMT 100cfu/g	Conforms
<b>Storage</b>	In an air tight container, protected from light; Short Term:2-8°C ; Long Term:below-10°C	
<b>Conclusion: This batch of product complies with Enterprise Standard.</b>		

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<b>Product</b>	CJC1295 Without DAC	<b>CAS No.:</b>	863288-34-0
<b>Product No.</b>	800028	<b>Molecular Formula</b>	C <sub>152</sub> H <sub>252</sub> N <sub>44</sub> O <sub>42</sub>
<b>Sequence</b>	Tyr-DAla- Asp- Ala- Ile- Phe- Thr- Gln- Ser- Tyr- Arg- Lys- Val- Leu- Ala- Gln- Leu- Ser- Ala- Arg- Lys- Leu- Leu- Gln- Asp- Ile- Leu- Ser- Arg- NH <sub>2</sub>		
<b>Batch No.</b>	800028-26031301	<b>Quantity</b>	422.2g
<b>Mfg. Date</b>	Mar. 13 <sup>th</sup> , 2026	<b>Retest Date</b>	Mar. 12 <sup>th</sup> , 2028

【ITEMS】	【SPECIFICATIONS】	【RESULTS】
<b>Appearance</b>	White powder	White powder
<b>Solubility</b>	Soluble in 1% acetic acid	Conforms
<b>HPLC</b>	The principal peak in the chromatogram obtained with the test solution is similar in retention time to principal peak in the chromatogram obtained with the reference solution.	Conforms
<b>Amino acid content</b>	Ala 3.6-4.4	4.1
	Ser 2.7-3.3	2.8
	Val 0.9-1.1	1.0
	Thr 0.9-1.1	1.0
	Ile 1.8-2.2	1.0
	Leu 4.5-5.5	5.2
	Asp 1.8-2.2	2.0
	Glx 2.7-3.3	2.9
	Lys 1.8-2.2	2.0

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	Phe 0.9-1.1	1.0
	Arg 2.7-3.3	3.0
	Tyr 1.8-2.2	2.0
Mass spectrum	3367.9±1.0	3368.0
Purity(HPLC)	NLT 98.0%	99.7%
Acetic acid	NMT 8.1%	6.6%
Trifluoroacetate	NMT 0.5%	N.D
Water content(KF)	NMT 8.0%	4.3%
Peptide content(%)	NLT 80.0%	88.7%
Residual solvent	Methylene chloride NMT 600ppm	N.D
	Acetonitrile NMT 410ppm	70ppm
	Methyl tert-butyl ether NMT 5000 ppm	N.D
	DMFNMT 880ppm	28ppm
Bacterial endotoxins	NMT 10EU/mg	Conforms
Microbial limits	TAMCNMT 100cfu/g	Conforms
	TYMC NMT 100cfu/g	
Storage	In an air tight container, protected from light; Short Term:2-8°C ; Long Term:below-10°C	
Report	<i>Ji Jiong</i>	Date 2026.3.13
Reviewer	<i>Feng Han</i>	Date 2026.3.13
Conclusion: This batch of product complies with Enterprise Standard.		

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<b>Product</b>	Dihexa Powder	<b>CAS No.:</b>	1401708-83-5
<b>Product No.</b>	800107	<b>Molecular Formula</b>	C <sub>27</sub> H <sub>44</sub> N <sub>4</sub> O <sub>5</sub>
<b>Sequence</b>	Hexanoyl-Tyr-Ile-Ahx-NH <sub>2</sub>		
<b>Batch No.</b>	26031704	<b>Quantity</b>	1100g
<b>Mfg. Date</b>	Mar. 17 <sup>th</sup> , 2026	<b>Retest Date</b>	Mar. 16 <sup>th</sup> , 2028

【 ITEMS 】	【 SPECIFICATIONS 】	【 RESULTS 】
<b>Appearance</b>	White or almost white loose powder	White loose powder
<b>Solubility</b>	Soluble in glacial acetic acid	Conforms
<b>Amino acid content</b>	Tyr: 0.9~1.1 Ile: 0.9~1.1 Ahx: 0.9~1.1	1.0 1.0 1.0
<b>Mass spectrum</b>	504.7±1.0	504.3
<b>Related substances(HPLC)</b>	Any individual impurity: NMT 1.0% Total impurities: NMT 2.0%	0.58% 0.93%
<b>Purity(HPLC)</b>	NLT 98.0%	99.1%
<b>Water content(KF)</b>	NMT 7.0%	0.55%
<b>Acetic acid</b>	NMT 10.0%	N.D
<b>Residual solvent</b>	Methylene chloride NMT 600ppm Acetonitrile NMT 410ppm DMF NMT 880ppm	Conforms

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Peptide Content	NLT 80.0%	98.1%
Bacterial endotoxins	Less than 10EU/mg	Less than 10EU/mg
Aerobic Bacterial Count	≤100cfu/g	Less than 10cfu/g
Mould & Yeast	≤10cfu/g	Less than 10cfu/g
Escherichia coli	absent	absent
Storage	In an air tight container, protected from light; Short Term:2-8°C ; Long Term:below-10°C	
Report	<i>Ji peng</i> 	Date 2026.3.17
Reviewer	<i>Fenny H. Wilson</i> 	Date 2026.3.17
Conclusion: This batch of product complies with Enterprise Standard.		

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# Certificate of Analysis

<b>Product</b>	Epithalon Powder (Synthetic)	<b>CAS No.:</b>	307297-39-8
<b>Product No.</b>	800073	<b>Molecular Formula</b>	C <sub>14</sub> H <sub>22</sub> N <sub>4</sub> O <sub>9</sub>
<b>Sequence</b>	Ala-Glu-Asp-Gly		
<b>Batch No.</b>	26031901-05	<b>Quantity</b>	1395.6g
<b>Mfg. Date</b>	Mar. 19 <sup>th</sup> , 2026	<b>Retest Date</b>	Mar. 18 <sup>th</sup> , 2028

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【 ITEMS 】	【 SPECIFICATIONS 】	【 RESULTS 】
<b>Appearance</b>	White or off-white powder	White powder
<b>Solubility</b>	Soluble in H <sub>2</sub> O	Conforms
<b>HPLC</b>	The principal peak in the chromatogram obtained with the test solution is similar in retention time to principal peak in the chromatogram obtained with the reference solution.	Conforms
<b>Amino acid content</b>	Gly 0.9-1.1	1.0
	Ala 0.9-1.1	1.0
	Asp 0.9-1.1	1.0
	Glu 0.9-1.1	1.0
<b>Mass spectrum</b>	390.4±1.0	390.1
<b>Related substances(HPLC)</b>	Any individual impurity: NMT 0.5%	0.40%
	Total impurities: NMT 2.0%	0.47%
<b>Purity(HPLC)</b>	NLT 98.0%	99.5%
<b>Acetic acid</b>	NMT 0.5%	N.D
<b>Trifluoroacetate</b>	NMT 0.5%	N.D

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Ammonium ion	NMT 8.0%	5.9%
Water content(KF)	NMT 8.0%	5.5%
Peptide content(%)	NLT 80.0%	87.6%
Residual solvent	Methanol NMT 3000 ppm	120 ppm
	Ethanol NMT 5000 ppm	N.D
Bacterial endotoxins	NMT 10EU/mg	Conforms
Microbial limits	TAMC NMT 100cfu/g	Conforms
	TYMC NMT 100cfu/g	
Storage	In an air tight container, protected from light; Short Term:2-8°C ; Long Term:below-10°C	
Report	Ji Peng Date	2026.3.19
Reviewer	Fang Miao Date	2026.3.19
Conclusion: This batch of product complies with Enterprise Standard.		

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<b>Product</b>	GHK-Cu	<b>CAS No.:</b>	89030-95-5
<b>Product No.:</b>	100003	<b>Molecular Formula</b>	C <sub>14</sub> H <sub>22</sub> CuN <sub>6</sub> O <sub>4</sub>
<b>Sequence</b>	Gly-His-Lys-Cu		
<b>Batch No.</b>	100003-26010702	<b>Quantity</b>	3423.0g
<b>Mfgr. Date</b>	Apr.02 <sup>th</sup> , 2026	<b>Retest Date</b>	Apr.01 <sup>th</sup> , 2028

【 ITEMS 】	【 SPECIFICATIONS 】	【 RESULTS 】
<b>Appearance</b>	Blue or blue-purple crystalline particles or powder	Blue crystalline particles
<b>Solubility</b>	Easily soluble in water	Easily soluble in water
<b>Identification By HPLC</b>	The retention time of the Copper Tripeptide-1 of the Sample solution corresponds to that of the standard solution	Conforms
<b>Mass spectrum</b>	340.4± 1.0	340.0
<b>Purity(HPLC)</b>	NLT 98.0%	99.9%
<b>pH</b>	5.0-7.0(10mg/ml in H <sub>2</sub> O)	5.8
<b>Acetic acid</b>	NMT 5.0%	N.D
<b>Water content(KF)</b>	NMT 8.0%	6.6%
<b>Cu<sup>+</sup> Content</b>	8.0%-16.0%	13.5%
<b>Chloride Content</b>	6.5%-8.5%	6.9%
<b>Peptide content</b>	NLT 70.0%	72.9%
<b>Elemental impurity</b>	Pb NMT 10ppm	N.D
	As NMT 2ppm	0.01ppm



	Hg NMT 1ppm	0.001ppm
	Cd NMT 5ppm	N.D
	V NMT 10ppm	0.003ppm
	Co NMT 10ppm	0.01ppm
	Ni NMT 10ppm	0.32ppm
<b>Residual solvent</b>	Ethanol NMT 5000ppm	N.D
	Triethylamine NMT 5000ppm	N.D
<b>Total Bacteria</b>	NMT 100cfu/g	<10 cfu/g
<b>Total number of molds and yeasts</b>	TYMC NMT 100cfu/g	<10 cfu/g
<b>Storage</b>	Keep in tight container, protect from light; Short Term:2-8°C ; Long Term:below-10°C	
<b>Report</b>	<i>H. peng</i>	<b>Date</b> 2026.4.2
<b>Reviewer</b>	<i>Jerry Man Chan</i>	<b>Date</b> 2026.4.2
<b>Conclusion:</b> This batch of product complies with Enterprise Standard.		

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<b>Product</b>	Ipamorelin Powder (Synthetic)	<b>CAS No.:</b>	170851-70-4
<b>Product No.</b>	800046	<b>Molecular Formula</b>	C <sub>38</sub> H <sub>49</sub> N <sub>9</sub> O <sub>5</sub>
<b>Sequence</b>	Aib-His-D2Nal-DPhe-Lys-NH <sub>2</sub>		
<b>Batch No.</b>	800046-26031501-04	<b>Quantity</b>	186.8g
<b>Mfg. Date</b>	Mar. 15 <sup>th</sup> , 2026	<b>Retest Date</b>	Mar. 14 <sup>th</sup> , 2028



【 ITEMS 】	【 SPECIFICATIONS 】	【 RESULTS 】
<b>Appearance</b>	White or off-white powder	White powder
<b>Solubility</b>	Soluble in H <sub>2</sub> O	Conforms
<b>HPLC</b>	The principal peak in the chromatogram obtained with the test solution is similar in retention time to principal peak in the chromatogram obtained with the reference solution.	Conforms
<b>Amino acid content</b>	Aib 0.9-1.1	1.0
	Lys 0.9-1.1	1.0
	His 0.9-1.1	1.0
	D-Phe 0.9-1.1	1.0
	D-2-Nal 0.9-1.1	0.9
<b>Mass spectrum</b>	711.9±1.0	711.4
<b>Purity(HPLC)</b>	NLT 98.0%	99.8%
<b>Acetic acid</b>	NMT 20.0%	17.3%
<b>Trifluoroacetate</b>	NMT 0.5%	N.D
<b>Water content(KF)</b>	NMT 8.0%	4.0%

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Peptide content(%)	NLT 75.0%	78.5%
Residual solvent	Methylene chloride NMT 600ppm	N.D
	Acetonitrile NMT 410 ppm	20ppm
	Methyl tert-butyl ether NMT 5000 ppm	N.D
	DMF NMT 880ppm	N.D
Bacterial endotoxins	NMT 10EU/mg	Conforms
Microbial limits	TAMC NMT 100cfu/g	Conforms
	TYMC NMT 100cfu/g	
Storage	In an air tight container, protected from light; Short Term:2-8°C ; Long Term:below-10°C	
Report	<i>Ji Peng</i> QUALITY TEST 质量检验 2026.3.15	Date 2026.3.15
Reviewer	<i>Frank</i> 合格 2026.3.15	Date 2026.3.15
Conclusion: This batch of product complies with Enterprise Standard.		

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KPV Powder (Synthetic)	CAS: 67727-97-3
Product No.: 800133	Batch No.: 26031605
Date of Mfg: Mar 16, 2026	Date of Exp: Mar 15, 2028
Sequence: Lys-Pro-Val	



Test	Specification	Result
Appearance	White or off-white powder	Conforms
Solubility	Soluble in water and 1% acetate acid	Conforms
HPLC	The principal peak in the chromatogram obtained with the test solution is similar in retention time to principal peak in the chromatogram obtained with the reference solution.	Conforms
Amino acid analysis	Lys 0.9-1.1 Val 0.9-1.1 Pro 0.9-1.1 No more than the traces of the other amino acids are present.	Lys 1.0 Val 1.0 Pro 1.0 No more than the traces of the other amino acids are present.
MS	342.4 ± 1.0	342.0
Related Substances	Unspecified impurity for each impurity: NMT 1.0%	0.67%
Purity (HPLC)	NLT 98%	99.3%
Acetic acid	NMT 30.0%	14.3%
Water Content (Karl Fischer)	NMT 7.0%	5.3%
Assay	95.0%-105.0% (anhydrous and acetic acid free substance)	99.3%
Bacterial endotoxins	Less than 5IU/mg	Conforms

Residual solvent		
Dichloromethane	NMT 600 ppm	N.D
Acetonitrile	NMT 410 ppm	143ppm
N,N-Dimethylformamide	NMT 880 ppm	N. D
Methanol	NMT 3000ppm	N.D
Storage	In an air tight container, protected from light; Short Term:2-8°C ; Long Term:below-10°C	
Report	<i>Lipeng</i>	Date 2026.3.16
Reviewer	<i>Jenny Mailei</i>	Date 2026.3.16
Conclusion: This batch of product complies with Enterprise Standard.		

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Melanotan-II Powder	CAS: 121062-08-6
Product No.:800037	Batch No.:26031203
Date of Mfg: Mar 12, 2026	Date of Exp:Mar 11, 2028
Sequence: Ac-Nle-cyclo(Asp-His-DPhe-Arg-Trp-Lys)-NH2	

Test	Specification	Result
Appearance	White powder	White powder
Solubility	Report	Soluble in H2O
Purity (HPLC)	NLT 98.0%	99.5%
Acetic acid	NMT 15.0%	13.7%
Mass spectrum	1024.2± 1.0	1024.0
Water content	NMT 10%	4.3%
Peptide content	NLT 80%	86.2%
Bacterial Endotoxins	Less than 10EU/mg	Less than 5EU/mg
Report	<i>Ji Perry</i>	Date 2026.3.16
Reviewer	<i>Feng Manlin</i>	Date 2026.3.16
<p style="text-align: center;">Conclusion: This batch of product complies with Enterprise Standard.</p>		

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Product:NAD+	Batch No.:26032501
CAS:53-84-9	Date ofMfg :Mar 18, 2026
Sequence:NicotinaMide adenine dinucleotide(NAD)	

Test	Specification	Result
Appearance	White to yellowish powder	White powder
Solubility	Report	Soluble in H2O
Purity (HPLC)	NLT 95.0%	99.2%
Mass spectrum	663.4± 1.0	663.0
Assay of β -NAD	NLT 90.0%	99.0%
Sodium contents	≤1.0%	0.01%
Water contents	≤5%	4.8%
pH value in water (100mg/ml)	2.0-4.0	3.1
Endotoxin	<1EU/Mg	<0.2Eu/mg
Pb	≤0.5ppm	N.D
As	≤0.5ppm	N.D
Hg	≤0.5ppm	N.D
Cd	≤0.5ppm	N.D
Total microbial count	≤750CFU/g	<10CFU/g
Coliform	≤3MPN/g	<3MPN/g
Yeast and molds	≤100CFU/g	<10CFU/g



Test	Specification	Result	
Salmonella	Negative	Negative	
E.coli	Negative	Negative	
Storage	Keep in tight container, protect from light, store at a temperature of -20±5°C		
Report	<i>Li peng</i>	Date	2026.3.18
Reviewer	<i>Feng Huiwei</i>	Date	2026.3.18
Conclusion: This batch of product complies with Enterprise Standard.			



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<b>Product</b>	Retatrutide	<b>CAS No.:</b>	2381089-83-2
<b>Product No.:</b>	RET	<b>Molecular Formula</b>	C <sub>221</sub> H <sub>342</sub> N <sub>46</sub> O <sub>68</sub>
<b>Sequence</b>	Tyr-Aib-Gln-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Ile- $\alpha$ MeLeu-Leu-Asp-Lys-Lys(PEG2- $\gamma$ -Glu-Eicosanedioic acid)-Ala-Gln-Aib-Ala-Phe-Ile-Glu-Tyr-Leu-Leu-Glu-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Pro-Ser-NH <sub>2</sub>		
<b>Batch No.</b>	RET-26031501	<b>Quantity</b>	1275.0g
<b>Mfg. Date</b>	Mar. 15 <sup>th</sup> , 2026	<b>Retest Date</b>	Mar. 14 <sup>th</sup> , 2028

【ITEMS】	【SPECIFICATIONS】	【RESULTS】
<b>Appearance</b>	White or almost white loose powder	White loose powder
<b>Solubility</b>	Soluble in water	Conforms
<b>Solution clarity and color</b>	Clear and colorless liquid(C=30mg/ml)	Conforms
<b>Identification</b>	<b>HPLC</b> The retention time of the principal peak of the test solution corresponds to that of the reference solution, as obtained in the Assay.	Conforms
	<b>Mass spectrum</b> 4731.4 $\pm$ 1.0	4731.1
<b>Amino acid content</b>	Tyr: 2.7~3.3 Aib: 1.8~2.2 Glu: 4.5~5.5 Gly: 3.6~4.4 Thr: 1.8~2.2 Phe: 1.8~2.2 Ser: 4.5~5.5 Asp: 1.8~2.2 Ile: 1.8~2.2 $\alpha$ MeLeu: 0.9~1.1 Leu: 2.7~3.3 Lys: 1.8~2.2 Ala: 2.7~3.3 Pro: 3.6~4.4 AEEA: Should be detected	3.0 2.0 5.0 4.1 2.0 2.0 4.9 2.0 2.0 1.0 3.0 2.0 3.0 4.0 Conforms



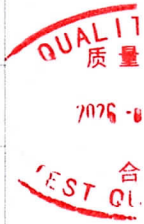
Related substances(HPLC)	Largest peak Detected: NMT 0.5%	0.17%
	Total Peaks Detected: NMT 2.0%	0.78%
Purity(HPLC)	NLT 98.0%	99.2%
pH	6.5~8.5	7.3
Acid group ions	Trifluoroacetate ion NMT 0.5%	N.D
	Acetate ion NMT 0.5%	N.D
Water content(KF)	NMT 8.0%	3.8%
Sodium ion	1.0~2.0%	1.6%
Peptide content	NLT 90.0%	93.7%
Oligomer	NMT 0.5%	N.D
Residual solvent	Methylene chloride NMT 600ppm	N.D
	Acetonitrile NMT 410 ppm	66ppm
	Methyl tert-butyl ether NMT 5000 ppm	N.D
	DMF NMT 880ppm	N.D
Bacterial endotoxins	NMT 5EU/mg	<3EU/mg
Microbial Limits	Total aerobic bacteria ≤100cfu/g	Conforms
	Mould & Yeast ≤10cfu/g	Conforms
	Bile tolerant enterobacteria: absence in 1g	absent
	Pseudomonas aeruginosa: absence in 1g	absent
	Staphylococcus aureus: absence in 1g	absent
Assay	95.0%~105.0% (Calculated on anhydrous, ion-free basis)	99.0%
Storage	Keep in tight container, protect from light, store at a temperature of -20±5°C.	
Report	<i>Li peng</i>	Date 2026.3.15
Reviewer	<i>Fang Hailan</i>	Date 2026.3.15
Conclusion: This batch of product complies with Enterprise Standard.		

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# Certificate of Analysis

<b>Product</b>	Selank Powder (Synthetic)	<b>CAS No.:</b>	129954-34-3
<b>Product No.</b>	800067	<b>Molecular Formula</b>	C <sub>33</sub> H <sub>57</sub> N <sub>11</sub> O <sub>9</sub>
<b>Sequence</b>	Thr-Lys-Pro-Arg-Pro-Gly-Pro		
<b>Batch No.</b>	26010501-01	<b>Quantity</b>	630.3g
<b>Mfg. Date</b>	Jan.28 <sup>th</sup> , 2026	<b>Retest Date</b>	Jan.27 <sup>th</sup> , 2028



【 ITEMS 】	【 SPECIFICATIONS 】	【 RESULTS 】
<b>Appearance</b>	White or off-white powder	White powder
<b>Solubility</b>	Soluble in H <sub>2</sub> O	Conforms
<b>HPLC</b>	The principal peak in the chromatogram obtained with the test solution is similar in retention time to principal peak in the chromatogram obtained with the reference solution.	Conforms
<b>Amino acid content</b>	Gly 0.9-1.1	1.0
	Pro 2.7-3.3	3.0
	Thr 0.9-1.1	1.0
	Lys 0.9-1.1	1.0
	Arg 0.9-1.1	1.0
<b>Mass spectrum</b>	751.9±1.0	751.4
<b>Purity(HPLC)</b>	NLT 98.0%	99.8%
<b>Acetic acid</b>	NMT 20.0%	17.8%
<b>Trifluoroacetate</b>	NMT 0.5%	N.D
<b>Water content(KF)</b>	NMT 8.0%	2.4%

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Peptide content(%)	NLT 75.0%	79.6%
Residual solvent	Methylene chloride NMT 600ppm	N.D
	Acetonitrile NMT 410 ppm	128ppm
	Methyl tert-butyl ether NMT 5000 ppm	N.D
	DMF NMT 880ppm	492ppm
Bacterial endotoxins	NMT 10EU/mg	Conforms
Microbial limits	TAMC NMT 100cfu/g	Conforms
	TYMC NMT 100cfu/g	
Storage	In an air tight container, protected from light; Short Term:2-8°C ; Long Term:below-10°C	
Report	<i>Ji Pan</i>	Date 2026.1.28
Reviewer	<i>Jiang Nui</i>	Date 2026.1.28
Conclusion: This batch of product complies with Enterprise Standard.		

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<b>Product</b>	Semaglutide	<b>CAS No.:</b>	910463-68-2
<b>Molecular Formula</b>	C <sub>187</sub> H <sub>291</sub> N <sub>45</sub> O <sub>59</sub>	<b>Molecular Weight</b>	4113.6
<b>Sequence</b>	His-Aib-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Ser-Tyr-Leu-Glu-Gly-Gln-Ala-Ala-N6-[N-(17-carboxy-1-oxoheptadecyl-L-γ-glutamyl[2-(2-aminoethoxy)ethoxy]acetyl [2-2-aminoethoxy]ethoxy]acetyl]-Lys-Glu-Phe-Ile-Ala-Trp-Leu-Val-Arg-Gly-Arg-Gly-OH		
<b>Batch No.</b>	26031601	<b>Quantity</b>	4106.0g
<b>Mfg. Date</b>	Mar.16 <sup>th</sup> , 2026	<b>Retest Date</b>	Mar.15 <sup>th</sup> , 2028

<b>【 ITEMS 】</b>	<b>【 SPECIFICATIONS 】</b>	<b>【 RESULTS 】</b>
<b>Appearance</b>	White or almost white loose powder	White loose powder
<b>Solubility</b>	<p>Freely soluble in water</p> <p>Firstly, to add freshly boiled and cooled water to make a clear solution containing 0.15mg of semaglutide in 1ml. Then, to adjust the pH of the solution to 5.5 with 0.05M hydrochloric acid and keep for 30 seconds.</p> <p>Finally, to adjust the pH of the solution to 3.0 and keep 30 seconds. The solution should be turbidin the rang of pH3.0 to5.5.</p>	Conforms
<b>Solution clarity and color</b>	Clear and colorless	Conforms
<b>Specific optical rotation</b> [α] <sub>D</sub> <sup>20</sup>	-20.0° to -5.0° (anhydrous and sodium ion-free substance)	-7.4°
<b>Identification by HPLC</b>	The retention time of the principal peak of the test solution corresponds to that of the reference solution, as obtained in the Assay.	Conforms
<b>Mass spectrum</b>	4113.6±1.0	4113.0
<b>pH</b>	6.0~9.0	6.9
<b>Water content(KF)</b>	NMT 8.0%	6.5%
<b>Acid group ions</b>	Trifluoroacetate ion NMT 0.5% Acetate ion NMT 0.5%	N.D N.D

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<b>Related substances(HPLC)</b>	Impurity 1:NMT 0.5% Impurity 2:NMT 0.5% Impurity 3:NMT 0.5% Any individual impurity: NMT 0.3% Total impurities:NMT 2.0%	0.12% 0.08% 0.19% 0.09% 1.0%
<b>Purity(HPLC)</b>	NLT 98.0%	99.4%
<b>Sodium ion</b>	1.0~3.0%	1.8%
<b>High molecular protein</b>	NMT 0.5%	0.05%
<b>Amino acid content</b>	Asp: 0.9-1.1 Ser:2.7-3.3 Glu:4.5-5.5 Gly:3.6-4.4 His: 0.9-1.1 Arg: 1.8-2.2 Thr: 1.8-2.2 Ala: 2.7-3.3 Aib: 0.9-1.1 Tyr: 0.9-1.1 Val: 1.8-2.2 Lys: 0.9-1.1 Ile: 0.9-1.1 Leu: 1.8-2.2 Phe: 1.8-2.2 AEEA: Should be detected	1.0 2.8 5.2 4.0 1.0 2.0 2.0 3.1 1.0 1.0 2.0 1.0 1.0 1.9 2.0 Conforms
<b>Residual solvent</b>	Methyl tert-butyl ether , NMT 5000 ppm Acetonitrile , NMT 410 ppm DCM , NMT 600ppm N,N-Dimethylformamide , NMT 880 ppm	N.D 6ppm N.D N.D
<b>Particle size</b>	D10≥2μm 2μm<D50≤25μm D90≤50μm	2μm 5μm 12μm
<b>Peptide content</b>	Reported value	90.6%
<b>Bacterial endotoxins</b>	NMT 10EU/mg	Conforms

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Microbial limits	TAMC NMT 100cfu/g TYMC NMT 100cfu/g	Conforms
Assay(C <sub>18</sub> H <sub>29</sub> N <sub>4</sub> O <sub>5</sub> )	95.0%-105.0%(Calculated with reference to the anhydrous and sodium ion-free substance.)	98.8%
Storage	Keep in tight container, protect from light, store at a temperature of -20±5°C.	
Report	<i>Li peng</i> QUALITY TEST 质量检验 Date	2016.3.16
Reviewer	Feng Meibei 71125-03-16 Date	2016.3.16
Conclusion: This batch of product complies with Enterprise Standard. 合格		

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# Certificate of Analysis

<b>Product</b>	SS-31 Elamipretide	<b>CAS No.:</b>	736992-21-5
<b>Product No.</b>	602641	<b>Molecular Formula</b>	C <sub>32</sub> H <sub>49</sub> N <sub>9</sub> O <sub>5</sub>
<b>Sequence</b>	DArg-2,6-DiMe-Tyr-Lys-Phe-NH <sub>2</sub>		
<b>Batch No.</b>	26031804-01	<b>Quantity</b>	528.6g
<b>Mfg. Date</b>	Mar.18 <sup>th</sup> , 2026	<b>Retest Date</b>	Mar.17 <sup>th</sup> , 2028



【 ITEMS 】	【 SPECIFICATIONS 】	【 RESULTS 】
<b>Appearance</b>	White or off-white powder	White powder
<b>Solubility</b>	Soluble in H <sub>2</sub> O	Conforms
<b>HPLC</b>	The principal peak in the chromatogram obtained with the test solution is similar in retention time to principal peak in the chromatogram obtained with the reference solution.	Conforms
<b>Amino acid content</b>	Lys 0.9-1.1	1.0
	Phe 0.9-1.1	1.0
	D-Arg 0.9-1.1	1.0
<b>Mass spectrum</b>	639.8±1.0	639.4
<b>Purity(HPLC)</b>	NLT 98.0%	99.8%
<b>Acetic acid</b>	NMT 22.0%	21.7%
<b>Trifluoroacetate</b>	NMT 0.5%	N.D
<b>Water content(KF)</b>	NMT 8.0%	1.7%
<b>Peptide content(%)</b>	NLT 70.0%	76.4%
<b>Residual solvent</b>	Methylene chloride NMT 600ppm	N.D

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2026-03-18  
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	Acetonitrile NMT 410ppm	N.D
	Methyl tert-butyl ether NMT 5000 ppm	N.D
	DMF NMT 880ppm	N.D
<b>Bacterial endotoxins</b>	NMT 10EU/mg	Conforms
<b>Microbial limits</b>	TAMC NMT 100cfu/g TYMC NMT 100cfu/g	Conforms
<b>Storage</b>	In an air tight container, protected from light; Short Term:2-8°C ; Long Term:below-10°C	
<b>Report</b>	<i>Ji pang</i> <b>QUALITY TEST</b> 质量检验 Date	2026.3.18
<b>Reviewer</b>	<i>Fang Mei lei</i> 2026-03-18 Date	2026.3.18
<b>Conclusion:</b> This batch of product complies with Enterprise Standard.		

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<b>Product</b>	Tesamorelin	<b>CAS No.:</b>	218949-48-5
<b>Product No.</b>	800052	<b>Molecular Formula</b>	C <sub>221</sub> H <sub>366</sub> N <sub>72</sub> O <sub>67</sub> S
<b>Sequence</b>	trans-3-hexenoyl-Tyr-Ala-Asp-Ala-Ile-Phe-Thr-Asn-Ser-Tyr-Arg-Lys-Val-Leu-Gly-Gln-Leu-Ser-Ala-Arg-Lys-Leu-Leu-Gln-Asp-Ile-Met-Ser-Arg-Gln-Gln-Gly-Glu-Ser-Asn-Gln-Glu-Arg-Gly-Ala-Arg-Ala-Arg-Leu-NH <sub>2</sub>		
<b>Batch No.</b>	26030604-03	<b>Quantity</b>	407.5g
<b>Mfg. Date</b>	Mar.06 <sup>th</sup> , 2026	<b>Retest Date</b>	Mar.05 <sup>th</sup> , 2028

【 ITEMS 】	【 SPECIFICATIONS 】	【 RESULTS 】
<b>Appearance</b>	White or off-white powder	White powder
<b>Solubility</b>	Soluble in H <sub>2</sub> O	Conforms
<b>HPLC</b>	The principal peak in the chromatogram obtained with the test solution is similar in retention time to principal peak in the chromatogram obtained with the reference solution.	Conforms
<b>Amino acid content</b>	Gly 2.7-3.3	3.0
	Ala 4.5-5.5	5.1
	Ser 3.6-4.4	4.0
	Val 0.9-1.1	1.0
	Thr 0.9-1.1	1.0
	Ile 1.8-2.2	2.0
	Leu 4.5-5.5	5.2
	Asx 3.6-4.4	3.9
	Glx 6.3-7.7	6.9






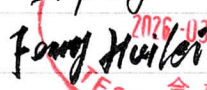

	Lys 1.8-2.2	2.0
	Met 0.9-1.1	1.0
	Phe 0.9-1.1	1.0
	Arg 5.4-6.6	5.9
	Tyr 1.8-2.2	2.0
<b>Mass spectrum</b>	5135.9±1.0	5136.6
<b>Purity(HPLC)</b>	NLT 98.0%	99.4%
<b>Acetic acid</b>	NMT 15.0%	11.0%
<b>Trifluoroacetate</b>	NMT 0.5%	N.D
<b>Water content(KF)</b>	NMT 8.0%	3.4%
<b>Peptide content(%)</b>	NLT 80.0%	84.9%
<b>Residual solvent</b>	Methylene chloride NMT 600ppm	N.D
	Acetonitrile NMT 410 ppm	27ppm
	Methyl tert-butyl ether NMT 5000 ppm	N.D
	DMF NMT 880ppm	N.D
<b>Bacterial endotoxins</b>	NMT 10EU/mg	Conforms
<b>Microbial limits</b>	TAMC NMT 100cfu/g	Conforms
	TYMC NMT 100cfu/g	
<b>Storage</b>	In an air tight container, protected from light; Short Term:2-8°C ; Long Term:below-10°C	
<b>Report</b>	<i>Li Peng</i> QUALITY TEST 质量检验	<b>Date</b> 2026.3.6
<b>Reviewer</b>	<i>Fangyuan lei</i> 合格 TEST QUALIFIED	<b>Date</b> 2026.3.6
<b>Conclusion: This batch of product complies with Enterprise Standard.</b>		

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Product	TB500	CAS No.:	885340-08-9
Product No.	800097	Molecular Formula	C38H68N10O14
Sequence	Ac-Leu-Lys-Lys-Thr-Glu-Thr-Gln		
Batch No.	26031901	Quantity	578.4g
Mfg. Date	Mar 19 <sup>th</sup> , 2026	Retest Date	Mar. 18 <sup>th</sup> , 2028

【 ITEMS 】	【 SPECIFICATIONS 】	【 RESULTS 】
Appearance	White powder	White powder
Solubility	Soluble in H2O	Conforms
Mass spectrum	889.0±1.0	888.3
Purity(HPLC)	NLT 98.0%	99.6%
Acetate Content (HPLC)	NMT 15.0%	6.2%
Water content(KF)	NMT 8.0%	4.9%
Peptide content	NLT 80%	88.5%
Bacterial endotoxins	NMT 10EU/mg	<10 EU/mg
Residual solvent	Acetonitrile:NMT 410ppm Dichloromethane:NMT 600ppm DMF:NMT 880ppm	36ppm N.D N.D
Storage	In an air tight container, protected from light; Short Term:2-8°C ; Long Term:below-10°C	
Report		Date 2026.3.19
Reviewer		Date 2026.3.19
<p style="text-align: center;">  </p>		
<p><b>Conclusion:</b> This batch of product complies with Enterprise Standard.</p>		

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# Certificate of Analysis

<b>Product</b>	Tirzepatide	<b>CAS No.:</b>	2023788-19-2
<b>Molecular Formula</b>	C <sub>225</sub> H <sub>348</sub> N <sub>48</sub> O <sub>68</sub>	<b>Molecular Weight</b>	4813.5
<b>Sequence</b>	Tyr-Aib-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Ile-Aib-Leu-Asp-Lys-Ile-Ala-Gln-Lys (PEG2-PEG2-γ-Glu-Eicosanedioic acid) -Ala-Phe-Val-Gln-Trp-Leu-Ile-Ala-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Pro-Ser-NH <sub>2</sub>		
<b>Batch No.</b>	TRD-26031301	<b>Quantity</b>	2.3kg
<b>Mfg. Date</b>	Mar.13 <sup>th</sup> , 2026	<b>Retest Date</b>	Mar.12 <sup>th</sup> , 2028

【ITEMS】	【SPECIFICATIONS】	【RESULTS】
<b>Appearance</b>	White or almost white loose powder	White loose powder
<b>Solubility</b>	Freely soluble in water	Conforms
<b>Solution clarity and color</b>	Clear and colorless	Conforms
<b>Specific optical rotation</b> [α] <sub>D</sub> <sup>20</sup>	-20.0° to -40.0° (anhydrous and sodium ion-free substance)	-29.7°
<b>Identification by HPLC</b>	The retention time of the principal peak of the test solution corresponds to that of the reference solution, as obtained in the Assay.	Conforms
<b>Mass spectrum</b>	4813.5±1.0	4812.5
<b>pH</b>	6.5-8.5	7.6
<b>Water content(KF)</b>	NMT 8.0%	4.8%
<b>Acid group ions</b>	Trifluoroacetate ion NMT 0.5% Acetate ion NMT 0.5%	N.D N.D
<b>Related substances(HPLC)</b>	Any individual impurity: NMT 0.5% Total impurities: NMT 2.0%	0.16% 0.77%
<b>Purity(HPLC)</b>	NLT 98.0%	99.2%
<b>Sodium ion</b>	1.0~2.0%	1.2%
<b>High molecular protein</b>	NMT 0.5%	N.D



Amino acid content	Tyr:1.8~2.2	2.0
	Glu:3.6~4.4	4.0
	Gly:3.6~4.4	4.0
	Thr:1.8~2.2	2.0
	Phe:1.8~2.2	2.0
	Ser:4.5~5.5	5.0
	Asp:1.8~2.2	2.0
	Ile:2.7~3.3	3.0
	Leu:1.8~2.2	2.0
	Lys:1.8~2.2	2.0
	Ala:3.6~4.4	4.0
	Val:0.9~1.1	1.0
	Pro:3.6~4.4	4.1
Aib:1.8~2.2	2.0	
AEEA: Should be detected		Conforms
Residual solvent	Methylene chloride NMT 600ppm	N.D
	Acetonitrile NMT 410ppm	49ppm
	Methyl tert-butyl ether NMT 5000 ppm	N.D
	DMF NMT 880ppm	N.D
Peptide content	NLT 90.0%	92.6%
Bacterial endotoxins	NMT 10EU/mg	<3EU/mg
Microbial limits	TAMC NMT 100 cfu/g	<20 cfu/g
	TYMC NMT 100 cfu/g	<20 cfu/g
	E. Coli: Absent	Absent
Assay(C <sub>225</sub> H <sub>348</sub> N <sub>48</sub> O <sub>68</sub> )	95.0%-105.0%(Calculated with reference to the anhydrous and sodium ion-free substance.)	98.5%
Storage	Keep in tight container, protect from light, store at a temperature of -20±5°C.	
Report	<i>Zipeng</i>	Date 2026.3.13
Reviewer	<i>Fang Hailai</i>	Date 2026.3.13
Conclusion: This batch of product complies with Enterprise Standard.		

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