

TEST REPORT



E-mail: info@janoshik.com
Web: www.janoshik.com

Task Number #165661

Testing ordered > 19 MAY '26

Sample received > 01 JUN '26

Client Yiwu Laizhi Biotechnology Co., Ltd.

Sample RT10

Manufacturer Yiwu Laizhi Biotechnology Co., Ltd.

Batch 20260505101

Sample description >

See picture or pictures attached.

Tests requested >

Common GLP-1 peptide blind test (Semaglutide, Tirzepatide and Retatrutide)

Results >



Retatrutide	12.58 mg
Purity	99.833%

Comments >

Analysis conducted > 05 JUN 2026

Signature >

Verify this test at www.janoshik.com/verify/ with the following unique key

CZW3ENS5MAQG

TEST REPORT



E-mail: info@janoshik.com
Web: www.janoshik.com

Task Number #165661

Testing ordered > 19 MAY '26

Sample received > 01 JUN '26

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Results >



Retatrutide	12.58 mg
Purity	99.833%

Comments >

Analysis conducted > 05 JUN 2026

Signature >

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CZW3ENS5MAQG

LAIZHI BIO

TEST REPORT

LAIZHI BIO

JANOSHIK

E-mail: info@janoshik.com
Web: www.janoshik.com

LAIZHI BIC

Task Number #173458

Testing ordered > 06 JUN '26

Sample received > 26 JUN '26

LAIZHI BIO

LAIZHI BIO

LAIZHI BIC

Client Laizhi Bio

Sample TB500(Thymosin B4 Acetate) 10mg

Manufacturer Yiwu Laizhi Biotechnology Co., Ltd.

Batch 202606061144

LAIZHI BIO

LAIZHI BIO

LAIZHI BIC

Sample description >

See picture or pictures attached.

Tests requested >

TB4/TB-500/TB4(17-23) analysis

LAIZHI BIO

LAIZHI BIO

LAIZHI BIC

Results >



TB-500 (889 Da)	8.14 mg
Purity	99.721%

LAIZHI BIO

LAIZHI BIO

LAIZHI BIC

Comments >

LAIZHI BIO

LAIZHI BIO

LAIZHI BIC

Analysis conducted > 30 JUN 2026

Signature >

Verify this test at www.janoshik.com/verify/ with the following unique key

2TGQWTXGSYZ2

LAIZHI BIO

LAIZHI BIO

LAIZHI BIC

CERTIFICATE OF ANALYSIS

Product Name	:2S50
Order ID	:N/A
Sequence	:N/A
Lot No.	:N/A
Length	:3/AA
Storage	:Keep in dark and cool dry place (-20°C)
Recommended Dissolution Condition	:1mg/ml 100%H ₂ O
Salt content type	:salt

Test Items	Specifications	Results
Molecular Weight	Theoretical MW:/	Consistent
HPLC purity	98%	99.77%
Appearance	Blue lyophilized powder	Conforms
Quantity	≥47.5mg	38.52mg
Tested by	(Miss.XieYuJing, QC)	Date:2026/06/25
Released by	(Miss.ZhangBo,QCTL)	Date:2026/06/25

Note: this product is intended for research use only; not for diagnostic or human use.The net peptide content stated in this report is determined via nitrogen quantification using an elemental analyzer.

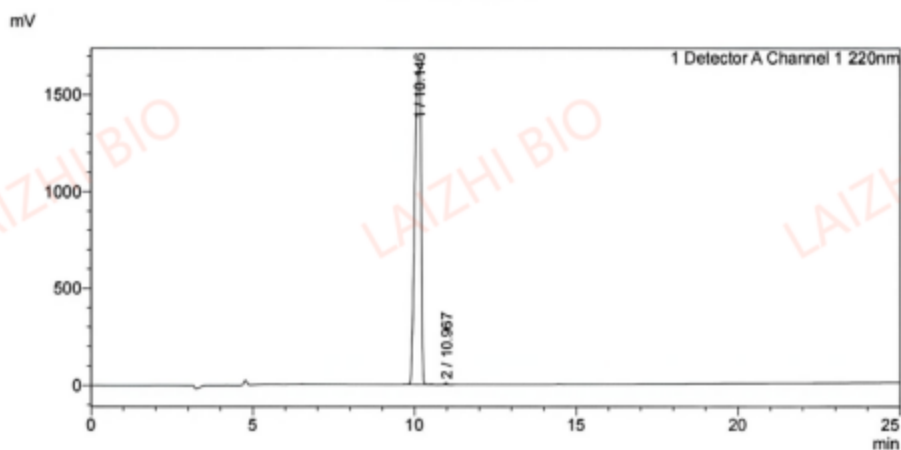
Sample Name:2S50
Sample ID :
Time Processed: 13:24:41
Month-Day-Year Processed :06/25/2026

Pump A : 0.065% trifluoroacetic in 100% water (v/v)
Pump B : 0.05% trifluoroacetic in 100% acetonitrile (v/v)
Total Flow:1 ml/min
Wavelength:220 nm
<<LC Time Program>>

Time	Module	Command	Value
0.01	Pumps	B.Conc	5
25.00	Pumps	B.Conc	65
25.01	Pumps	B.Conc	95
27.00	Pumps	B.Conc	95
27.01	Pumps	B.Conc	5
35.00	Pumps	B.Conc	5
35.01	Controller	Stop	

<<Column Performance>>
<Detector A>
Column : Inertsil ODS-SP 4.6 x 250 mm
Equipment:ZJ19010014

<Chromatogram>



<Peak Table>

Detector A Channel 1 220nm

Peak#	Ret. Time	Area	Height	Area%
1	10.146	22069592	1640519	99.767
2	10.967	51579	7454	0.233
Total		22121170	1647973	100.000

CERTIFICATE OF ANALYSIS

Product Name	:KLOW80
Order ID	:N/A
Sequence	:N/A
Lot No.	:N/A
Length	:3/AA
Storage	:Keep in dark and cool dry place (-20°C)
Recommended Dissolution Condition	:1mg/ml 100%H ₂ O
Salt content type	:salt

Test Items	Specifications	Results
Molecular Weight	Theoretical MW:/	Consistent
HPLC purity	98%	98.42%
Appearance	Blue lyophilized powder	Conforms
Quantity	≥76mg	63.9mg
Tested by	(Miss.XieYuJing, QC)	Date:2026/06/25
Released by	(Miss.ZhangBo,QCTL)	Date:2026/06/25

Note: this product is intended for research use only; not for diagnostic or human use.The net peptide content stated in this report is determined via nitrogen quantification using an elemental analyzer.

Sample Name:KLOW80
Sample ID :
Time Processed: 13:23:38
Month-Day-Year Processed :06/25/2026

Pump A : 0.065% trifluoroacetic in 100% water (v/v)
Pump B : 0.05% trifluoroacetic in 100% acetonitrile (v/v)
Total Flow:1 ml/min
Wavelength:220 nm

<<LC Time Program>>

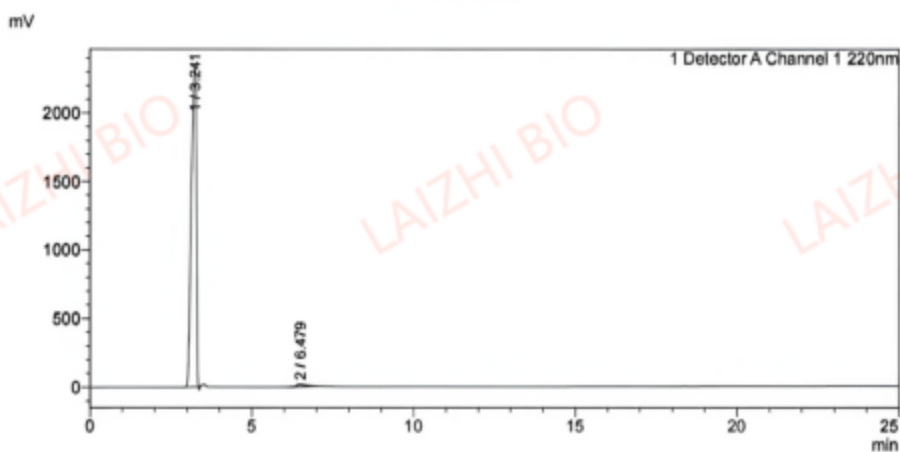
Time	Module	Command	Value
0.01	Pumps	B.Conc	5
25.00	Pumps	B.Conc	40
25.01	Pumps	B.Conc	95
27.00	Pumps	B.Conc	95
27.01	Pumps	B.Conc	5
35.00	Pumps	B.Conc	5
35.01	Controller	Stop	

<<Column Performance>>

<Detector A>

Column : Inertsil ODS-SP 4.6 x 250 mm
Equipment:ZJ19010014

<Chromatogram>



<Peak Table>

Detector A Channel 1 220nm

Peak#	Ret. Time	Area	Height	Area%
1	3.241	24406056	2330244	98.418
2	6.479	392423	18400	1.582
Total		24798479	2348644	100.000

CERTIFICATE OF ANALYSIS

Product Name	:TR10
Order ID	:N/A
Sequence	:N/A
Lot No.	:N/A
Length	:3/AA
Storage	:Keep in dark and cool dry place (-20°C)
Recommended Dissolution Condition	:1mg/ml 100%H ₂ O
Salt content type	:salt

Test Items	Specifications	Results
Molecular Weight	Theoretical MW:/	Consistent
HPLC purity	98%	99.68%
Appearance	Blue lyophilized powder	Conforms
Quantity	≥9.5mg	12.58mg
Tested by	(Miss.XieYuJing, QC)	Date:2026/06/25
Released by	(Miss.ZhangBo,QCTL)	Date:2026/06/25

Note: this product is intended for research use only; not for diagnostic or human use.The net peptide content stated in this report is determined via nitrogen quantification using an elemental analyzer.

Sample Name:TR10
Sample ID :
Time Processed: 13:24:53
Month-Day-Year Processed :06/25/2026

Pump A : 0.065% trifluoroacetic in 100% water (v/v)
Pump B : 0.05% trifluoroacetic in 100% acetonitrile (v/v)
Total Flow:1 ml/min
Wavelength:220 nm

<<LC Time Program>>

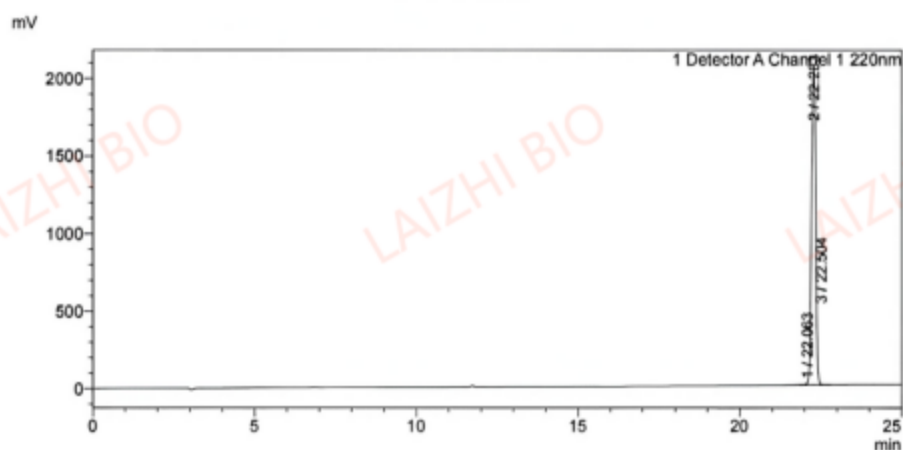
Time	Module	Command	Value
0.01	Pumps	B.Conc	5
25.00	Pumps	B.Conc	65
25.01	Pumps	B.Conc	95
27.00	Pumps	B.Conc	95
27.01	Pumps	B.Conc	5
35.00	Pumps	B.Conc	5
35.01	Controller	Stop	

<<Column Performance>>

<Detector A>

Column : Inertsil ODS-SP 4.6 x 250 mm
Equipment:ZJ19010014

<Chromatogram>



<Peak Table>

Detector A Channel 1 220nm

Peak#	Ret. Time	Area	Height	Area%
1	22.063	32808	6926	0.183
2	22.283	17838087	2041722	99.679
3	22.504	24570	6144	0.137
Total		17895465	2054792	100.000

Sample Name:TR10
Sample ID :
Time Processed: 13:24:53
Month-Day-Year Processed :06/25/2026

Pump A : 0.065% trifluoroacetic in 100% water (v/v)
Pump B : 0.05% trifluoroacetic in 100% acetonitrile (v/v)
Total Flow:1 ml/min
Wavelength:220 nm

<<LC Time Program>>

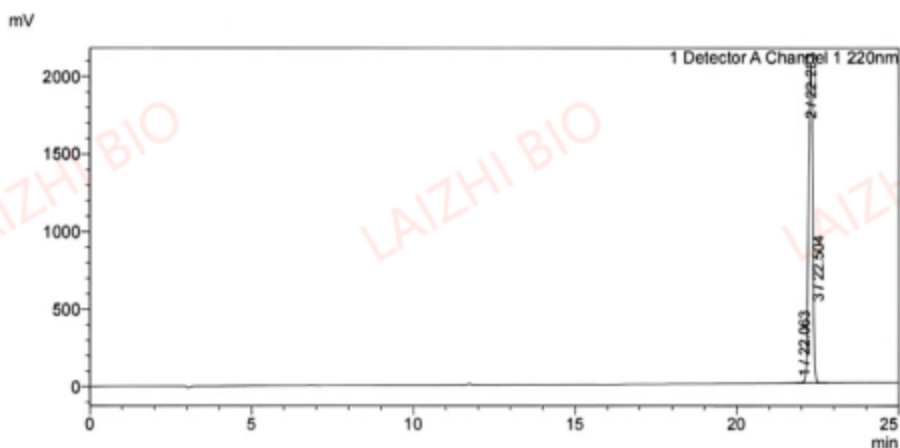
Time	Module	Command	Value
0.01	Pumps	B.Conc	5
25.00	Pumps	B.Conc	65
25.01	Pumps	B.Conc	95
27.00	Pumps	B.Conc	95
27.01	Pumps	B.Conc	5
35.00	Pumps	B.Conc	5
35.01	Controller	Stop	

<<Column Performance>>

<Detector A>

Column : Inertsil ODS-SP 4.6 x 250 mm
Equipment:ZJ19010014

<Chromatogram>



<Peak Table>

Detector A Channel 1 220nm

Peak#	Ret. Time	Area	Height	Area%
1	22.063	32808	6926	0.183
2	22.283	17838087	2041722	99.679
3	22.504	24570	6144	0.137
Total		17895465	2054792	100.000

Sample Name:TR10
Sample ID :
Time Processed: 13:24:53
Month-Day-Year Processed :06/25/2026

Pump A : 0.065% trifluoroacetic in 100% water (v/v)
Pump B : 0.05% trifluoroacetic in 100% acetonitrile (v/v)
Total Flow:1 ml/min
Wavelength:220 nm

<<LC Time Program>>

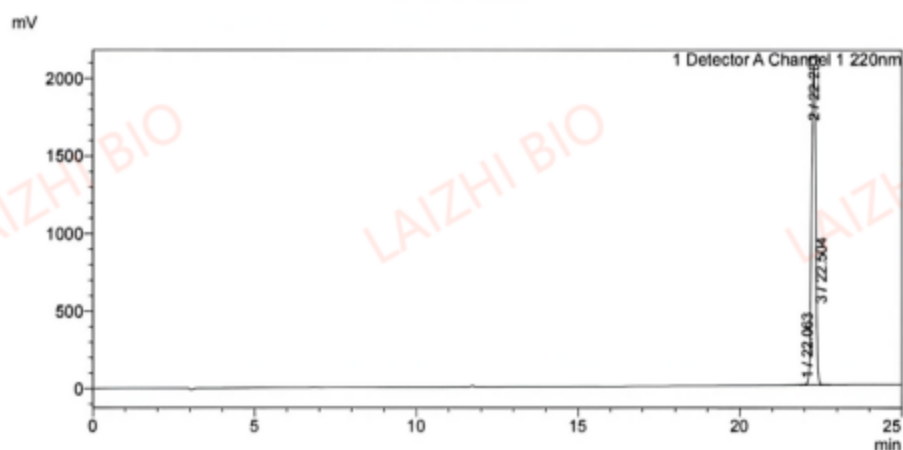
Time	Module	Command	Value
0.01	Pumps	B.Conc	5
25.00	Pumps	B.Conc	65
25.01	Pumps	B.Conc	95
27.00	Pumps	B.Conc	95
27.01	Pumps	B.Conc	5
35.00	Pumps	B.Conc	5
35.01	Controller	Stop	

<<Column Performance>>

<Detector A>

Column : Inertsil ODS-SP 4.6 x 250 mm
Equipment:ZJ19010014

<Chromatogram>



<Peak Table>

Detector A Channel 1 220nm

Peak#	Ret. Time	Area	Height	Area%
1	22.063	32808	6926	0.183
2	22.283	17838087	2041722	99.679
3	22.504	24570	6144	0.137
Total		17895465	2054792	100.000

CERTIFICATE OF ANALYSIS

Product Name	:EP50
Order ID	:N/A
Sequence	:N/A
Lot No.	:N/A
Length	:3/AA
Storage	:Keep in dark and cool dry place (-20°C)
Recommended Dissolution Condition	:1mg/ml 100%H ₂ O
Salt content type	:salt

Test Items	Specifications	Results
Molecular Weight	Theoretical MW:/	Consistent
HPLC purity	98%	93.61%
Appearance	Blue lyophilized powder	Conforms
Quantity	≥47.5mg	35.82mg
Tested by	(Miss.XieYuJing, QC)	Date:2026/06/25
Released by	(Miss.ZhangBo,QCTL)	Date:2026/06/25

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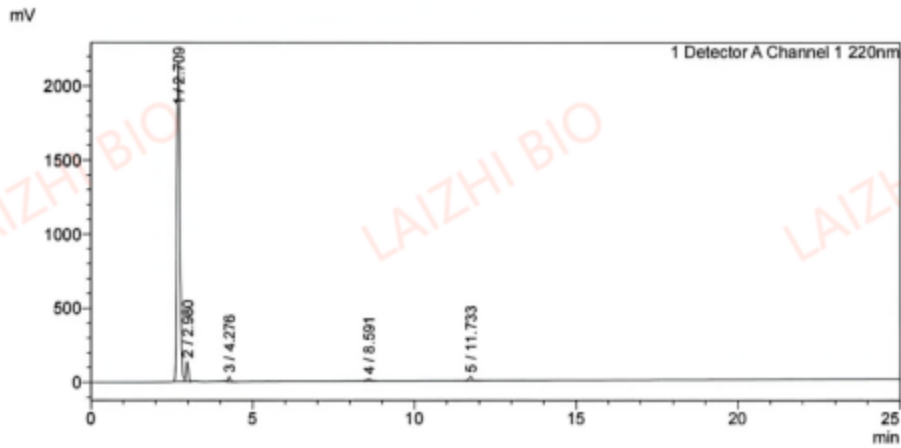
Sample Name:EP50
Sample ID :
Time Processed: 13:24:14
Month-Day-Year Processed :06/25/2026

Pump A : 0.065% trifluoroacetic in 100% water (v/v)
Pump B : 0.05% trifluoroacetic in 100% acetonitrile (v/v)
Total Flow:1 ml/min
Wavelength:220 nm
<<LC Time Program>>

Time	Module	Command	Value
0.01	Pumps	B.Conc	5
25.00	Pumps	B.Conc	65
25.01	Pumps	B.Conc	95
27.00	Pumps	B.Conc	95
27.01	Pumps	B.Conc	5
35.00	Pumps	B.Conc	5
35.01	Controller	Stop	

<<Column Performance>>
<Detector A>
Column : Inertsil ODS-SP 4.6 x 250 mm
Equipment:ZJ19010014

<Chromatogram>



<Peak Table>

Detector A Channel 1 220nm

Peak#	Ret. Time	Area	Height	Area%
1	2.709	15289631	2164110	93.609
2	2.980	596145	132430	3.650
3	4.276	138353	32773	0.847
4	8.591	125275	15009	0.767
5	11.733	184133	28324	1.127
Total		16333536	2372646	100.000

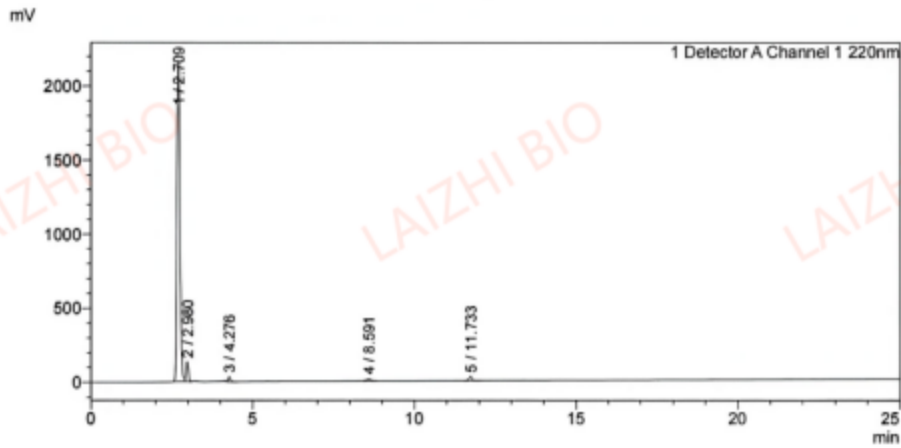
Sample Name:EP50
Sample ID :
Time Processed: 13:24:14
Month-Day-Year Processed :06/25/2026

Pump A : 0.065% trifluoroacetic in 100% water (v/v)
Pump B : 0.05% trifluoroacetic in 100% acetonitrile (v/v)
Total Flow:1 ml/min
Wavelength:220 nm
<<LC Time Program>>

Time	Module	Command	Value
0.01	Pumps	B.Conc	5
25.00	Pumps	B.Conc	65
25.01	Pumps	B.Conc	95
27.00	Pumps	B.Conc	95
27.01	Pumps	B.Conc	5
35.00	Pumps	B.Conc	5
35.01	Controller	Stop	

<<Column Performance>>
<Detector A>
Column : Inertsil ODS-SP 4.6 x 250 mm
Equipment:ZJ19010014

<Chromatogram>



<Peak Table>

Detector A Channel 1 220nm

Peak#	Ret. Time	Area	Height	Area%
1	2.709	15289631	2164110	93.609
2	2.980	596145	132430	3.650
3	4.276	138353	32773	0.847
4	8.591	125275	15009	0.767
5	11.733	184133	28324	1.127
Total		16333536	2372646	100.000