

## Test Report

GZF21-019949-01

Date: 30 Jul 2021

Client Name: Liaoning Taiaipeptide Bioengineering Technology Co.,Ltd.  
Client Address: No.8 Section 1 Ginkgo Road Huayuankou Economic Zone Dalian, Liaoning, China  
Sample Name: Soybean Peptide Powder  
Manufacturer: Liaoning Taiaipeptide Bioengineering Technology Co.,Ltd.  
Sample Batch No.: 20210503-1  
Production Date: /  
Manufacturer address: No.8 Section 1 Ginkgo Road Huayuankou Economic Zone Dalian, Liaoning, China

Above information and sample(s) was/were submitted and certified by the client, SGS quoted the information with no responsibility as to the accuracy, adequacy and/or completeness.

SGS Reference No.: DLF21-011501.001  
Date of Sample Received: 22 Jul 2021  
Testing Period: 22 Jul 2021 - 30 Jul 2021  
Test Requested: Selected test(s) as requested by client.  
Test Method: Please refer to next page(s).  
Test Result(s): Please refer to next page(s).

This test report has been drafted in English and maybe translated into other languages, The English version shall prevail.

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SGS Authorized Signature

SGS-CSTC Standards Technical Services Co.,Ltd. Guangzhou Branch

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Sample Description:

Specimen No.	SGS Sample ID	Description
1	GZF21-019949.001	Sample in bag

Chemical test

Test Result(s):

Test Item(s)	Unit	Test Method(s)	Test Result(s) 001	LOQ
Proportion of relative molecular weight $\leq 1000$	%	GB/T 22492 2008 appendix A GPC/UV	71.78	-
Proportion of relative molecular weight $\leq 2000$	%	GB/T 22492-2008 appendix A GPC/UV	85.67	-
Proportion of relative molecular weight $\leq 5000$	%	GB/T 22492-2008 appendix A GPC/UV	94.98	-
Total average molecular weight (Mw)	-	GB/T 22492 2008 appendix A GPC/UV	1246	-

Molecular weight distribution

Molecular weight range	Percentage of peak area (%) ( $\lambda$ 220nm)	Number-average molecular weight (Mn)	Weight-average molecular weight (Mw)
>5000	5.02	8190	10209
5000-3000	4.32	3799	3879
3000-2000	4.98	2411	2444
2000-1000	13.89	1348	1399
1000-500	20.34	678	704
500-189	26.66	289	313
<189	24.78	-	-



Remark:

- 1.LOQ = Limit of Quantitation.
- 2.Total average molecular weight (Mw) equals to Mw times its relative percentage of peak area, and presumed the Mw of molecular weight range < 189 is 94.5.

\*\*\* End \*\*\*



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