

Test Report

GZF21-014704-03

Date: 17 Jun 2021

Client Name: Liaoning Taiapeptide Bioengineering Technology Co.,Ltd.
Client Address: No.8 Section 1 Ginkgo Road Huayuankou Economic Zone Dalian, Liaoning, China
Sample Name: Fish Collagen Peptide Powder
Manufacturer: Liaoning Taiapeptide Bioengineering Technology Co.,Ltd.
Sample Batch No.: 20210508-1
Production Date: /
Country of Destination: China
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.: DLF21-008638.002
Date of Sample Received: 07 Jun 2021
Testing Period: 07 Jun 2021 - 16 Jun 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.

Unless otherwise stated the results shown in this test report refer only to the items tested, and for clients internal use only, not to the society has the proof function. This document cannot be used for improper publicity, without prior written approval of the SGS.



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	GZF21-014704.002	Sample in bag

Chemical test

Test Result(s):

Test Item(s)	Unit	Test Method(s)	Test Result(s) 002	LOQ
Proportion of relative molecular weight ≤ 2000	%	Refer to GB/T 22492-2008 appendix A GPC/UV	78.85	-
Proportion of relative molecular weight ≤ 5000	%	Refer to GB/T 22492-2008 appendix A GPC/UV	93.35	-
Proportion of relative molecular weight ≤ 1000	%	Refer to GB/T 22492 2008 appendix A GPC/UV	58.54	-
Total average molecular weight (Mw)	-	Refer to GB/T 22492 2008 appendix A GPC/UV	1680	-

Molecular weight distribution

Molecular weight range	Percentage of peak area (%) (λ 220nm)	Number-average molecular weight (Mn)	Weight-average molecular weight (Mw)
>5000	6.65	8003	10053
5000-3000	6.49	3791	3873
3000-2000	8.01	2407	2439
2000-1000	20.31	1363	1419
1000-500	24.82	716	742
500-189	27.30	297	316
<189	6.42	-	-

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 ***

