

Test Report

GZF21-014704-01

Date: 17 Jun 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: Bone Collagen Peptide Powder
 Manufacturer: Liaoning Taiaipeptide Bioengineering Technology Co.,Ltd.
 Sample Batch No.: 20210510-1
 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.: DLF21-008638.001
 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).

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SGS Authorized Signature

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Test Report

GZF21-014704-01

Date: 17 Jun 2021

Sample Description:

Specimen No.	SGS Sample ID	Description
1	GZF21-014704.001	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 ≤ 2000	%	Refer to GB/T 22492-2008 appendix A GPC/UV	77.46	-
Proportion of relative molecular weight ≤ 5000	%	Refer to GB/T 22492-2008 appendix A GPC/UV	92.69	-
Proportion of relative molecular weight ≤ 1000	%	Refer to GB/T 22492 2008 appendix A GPC/UV	57.13	-
Total average molecular weight (Mw)	-	Refer to GB/T 22492 2008 appendix A GPC/UV	1750	-

Molecular weight distribution

Molecular weight range	Percentage of peak area (%) (λ 220nm)	Number-average molecular weight (Mn)	Weight-average molecular weight (Mw)
>5000	7.31	7978	9854
5000-3000	6.97	3794	3875
3000-2000	8.27	2408	2440
2000-1000	20.33	1365	1421
1000-500	24.31	713	739
500-189	25.90	299	319
<189	6.92	-	-

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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