



Test Report

GZF22-026716-04

Date: 26 Sep 2022

Client Name: XIAMEN GREEN MOUNTAIN IMP. AND EXP. CO., LTD.
 Client Address: 22/F., BUILDING 2, THAIHOT PLAZA XIUFENG RD, Fuzhou, 350000, Fujian
 Sample Name: Plantpack
 Manufacturer: /
 Sample Batch No.: /
 Production Date: /
 Sample other information: Sample No.: PB25

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.: MNS220968GZ
 Date of Sample Received: 04 Aug 2022
 Testing Period: 04 Aug 2022 - 23 Sep 2022
 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).

Chinese shall prevail in this report.
This Test Report supersedes the Test Report No. GZF22-026716-02 issued by SGS-CSTC Standards Technical Services Co.,Ltd. Guangzhou Branch. Original test report will be invalid from today.
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.



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 Page 1 of 3



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SGS-CSTC Standards Technical Services Co., Ltd.
 Guangzhou Branch Testing, Calibration and Food Laboratory

Sample Description:

Specimen No.	SGS Sample ID	Description
1	GZF22-026716.001	Sample in bag

Test result(s):

Test Requested:

As specified by clients, the effective area of each group is the airtight box with size (221x221x226mm) , one group is inoculated of test inoculum on the surface of the Leather (size 2cmx2cm), tested without the sample. Another group is inoculated of test inoculum on the surface of the Leather(size 2cmx2cm), tested with 2 bags of sample, the mould-proof capability of the submitted sample is analyzed by the mould growth on the surface of the Leather after incubating 28 days.

Test Method: Refer to ASTM G 21-15(2021)

Test Organisms: *Aspergillus brasiliensis*^A ATCC 9642, *Talaromyces pinophilus*^B ATCC 11797, *Aureobasidium pullulans* ATCC 15233, *Chaetomium globosum* ATCC 6205, *Trichoderma virens*^C CICC 2535 (equate to ATCC 9645)

Test item	Concentration of spores (spores/mL)	Mould-proof level (incubated 28 days)
Inoculation of test inoculum, the group with sample (2 bags)	1.0x10 ⁶	0
Inoculation of test inoculum, the group without sample		4

Notes:

1. According to ASTM G 21-15(2021) Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi, observed fungi growth rating on the specimens include:

- 0 –None
- 1 –Traces of growth (less than 10%)
- 2 –Light growth (10% to 30%)
- 3 –Medium growth (30% to 60%)
- 4 –Heavy growth (60% to complete coverage)

- 2. Leather was provided by client.
- 3. The microscope (50 X) was used to confirm the observation.
- 4. History name of test organism

^AHistorically known as *A.niger*.

^BHistorically known as *P.pinophilum*.

^CHistorically known as *Gliocladium virens*.



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Sample photo:



GZF22-026716.001

SGS authenticate the photo on original report only

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