

# TEST REPORT

No. : SHIN2112087008MR

Date : Dec 15, 2021

Page: 1 of 5

CUSTOMER NAME: CHONGQING GREEN BOX ENVIRONMENTAL TECHNOLOGY CO., LTD.  
ADDRESS: ROOM 2103 BUILDING 1, NO. 3 YANGLIU ROAD,  
LIANGJIANG NEW DISTRICT. CHONGQING, CHINA

The test results were transferred from report No.: SHIN2112082950MR dated: Dec 07 , 2021 issued by SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Sample Name : Sugarcane fiber straw

Other Information : SUGARCANE

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

\*\*\*\*\*

SGS Ref. No. : 15794367

Date of Receipt : Nov 26, 2021

Testing Start Date : Nov 26, 2021

Testing End Date : Dec 07, 2021

Test result(s) : For further details, please refer to the following page(s)  
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for  
SGS-CSTC Standards Technical  
Service (Shanghai)Co., Ltd.

Pheamia Wang  
Authorized signatory



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.  
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)  
No.69, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China 201319 t(86-21) 61196300 f(86-21) 68183122/68183920 www.sgs.com.cn  
中国·上海·浦东康桥东路1159弄69号 邮编: 201319 t(86-21) 61196300 f(86-21) 68183122/68183920 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

# TEST REPORT

No. : SHIN2112087008MR

Date : Dec 15, 2021

Page: 2 of 5

Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Polypropylene (PP) Identification	FTIR and PGC-MS	See result	/

Note: Pass : Meet the requirements;  
 Fail : Does not meet the requirements;  
 / : Not Apply to the judgment.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

No.69, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China 201319 t(86-21) 61196300 f(86-21) 68183122/68183920 www.sgs.com.cn  
 中国·上海·浦东康桥东路1159弄69号 邮编: 201319 t(86-21) 61196300 f(86-21) 68183122/68183920 e sgs.china@sgs.com

# TEST REPORT

No. : SHIN2112087008MR

Date : Dec 15, 2021

Page: 3 of 5

Test Item: Polypropylene (PP) Identification

Sample Description: Straw

Test Method:

- 1) Composition check : With reference to ASTM E1252-98(2021) , analysis was performed by Fourier Transform Infrared Spectrometer (FT-IR).
- 2) Composition check : With reference to ISO17257:2020, analysis was performed by Pyrolysis Gas Chromatography Mass Spectrometry (PGC-MS);

Test Result:

Test	Results
1) Composition check by FT-IR	Characteristic peaks of Polypropylene(PP) were not found. (FTIR spectrum see Fig.1)
2) Composition check by PGC-MS	Characteristic peaks of Polypropylene(PP) were not found.

Conclusion:

As per test specified above, Characteristic peaks of Polypropylene(PP) were not found.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

No.69, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China 201319 t(86-21) 61196300 f(86-21) 68183122/68183920 www.sgsgroup.com.cn  
 中国·上海·浦东康桥东路1159弄69号 邮编: 201319 t(86-21) 61196300 f(86-21) 68183122/68183920 e sgs.china@sgs.com

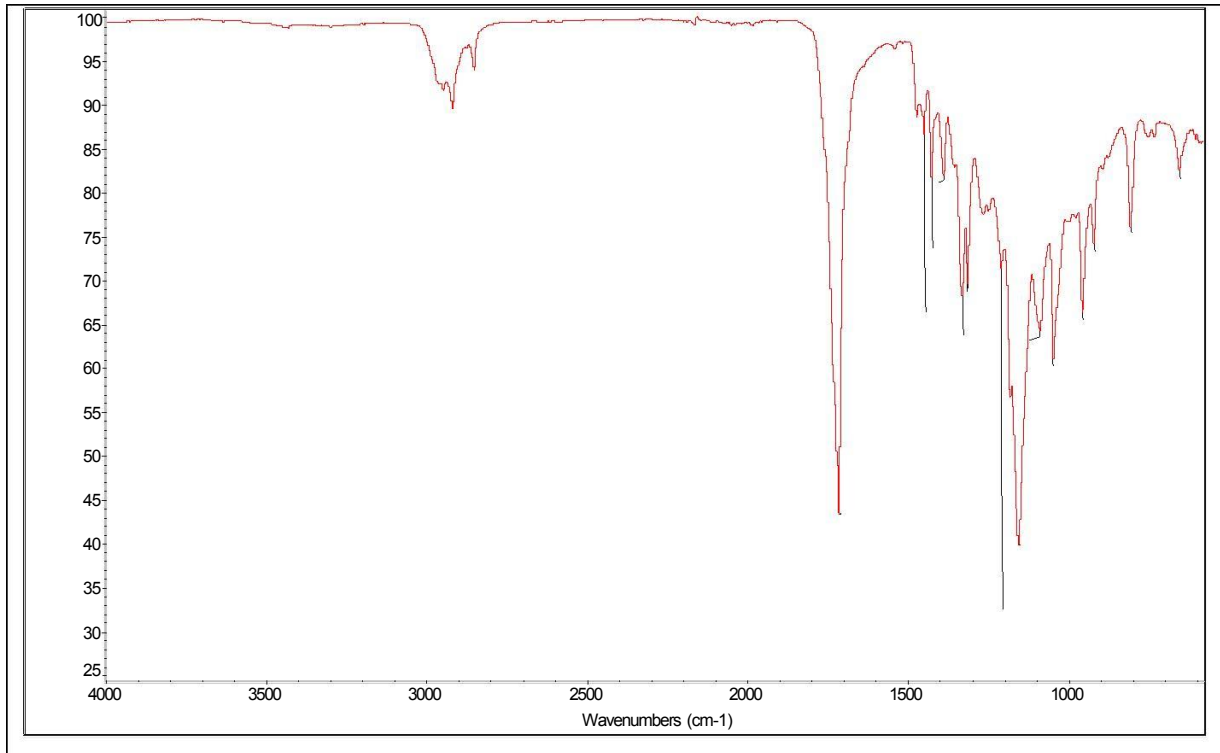
# TEST REPORT

No. : SHIN2112087008MR

Date : Dec 15, 2021

Page: 4 of 5

Fig.1



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

No.69, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China 201319 t(86-21) 61196300 f(86-21) 68183122/68183920 www.sgs.com.cn  
 中国·上海·浦东康桥东路1159弄69号 邮编: 201319 t(86-21) 61196300 f(86-21) 68183122/68183920 e sgs.china@sgs.com

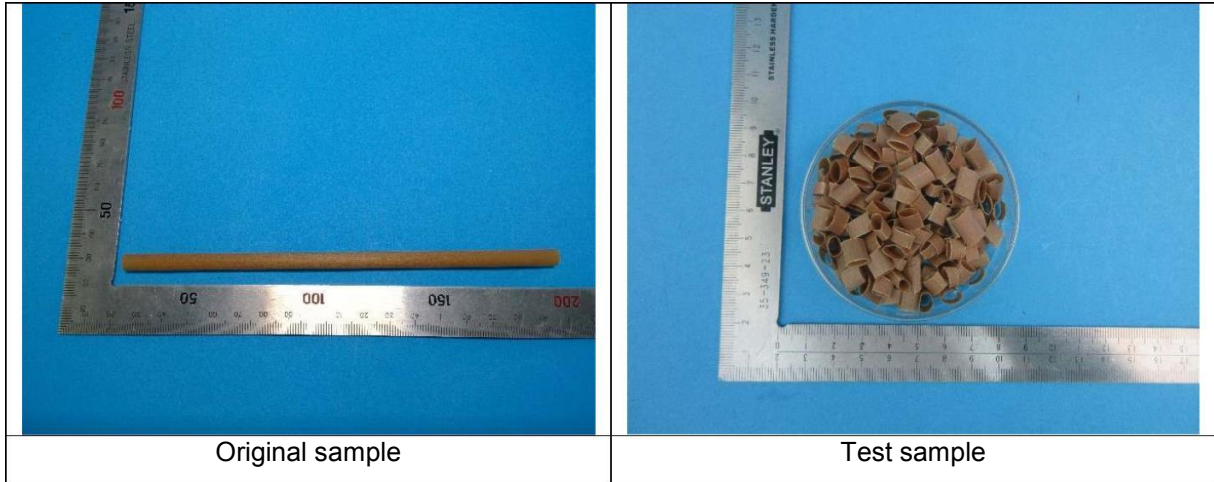
# TEST REPORT

No. : SHIN2112087008MR

Date : Dec 15, 2021

Page: 5 of 5

Test Photo:



\*\*\*\*\* End of report\*\*\*\*\*

In the territory of the People's Republic of China, the test report without CMA logo expresses the test report shall only be used for client scientific research, teaching, internal quality control, product research and development, etc...and just for client internal reference.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

No.69, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China 201319 t(86-21) 61196300 f(86-21) 68183122/68183920 www.sgsgroup.com.cn  
 中国·上海·浦东康桥东路1159弄69号 邮编: 201319 t(86-21) 61196300 f(86-21) 68183122/68183920 e sgs.china@sgs.com