

## TEST REPORT

No. : GZMR220702345701

Date : Aug 01, 2022

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CUSTOMER NAME: GUANGDONGYUANCHUANGLINGTAN ECO-ENVIRONMENTAL TECHNOLOGY COMPANY

ADDRESS: NO.4 FACTORY OF QINGYUAN JIANLE INTELLIGENT HEALTH TECHNOLOGY CO., LTD., NO.7 JIANSHE 3RD ROAD, QINGYUAN HIGH-TECH INDUSTRIAL DEVELOPMENT ZONE, GUANGDONG

Sample Name : DISPOSABLE TABLE WARE

Manufacturer : GUANGDONGYUANCHUANGLINGTAN ECO-ENVIRONMENTAL TECHNOLOGY COMPANY

Other Information : PRODUCTION DATE :2022-7-18  
FORK,SPOON

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. : GZF22-024990.001

Date of Receipt : Jul 22, 2022

Testing Start Date : Jul 22, 2022

Testing End Date : Aug 01, 2022

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  
Services Co., Ltd. Guangzhou Branch



Kelly Lee  
Authorized signatory



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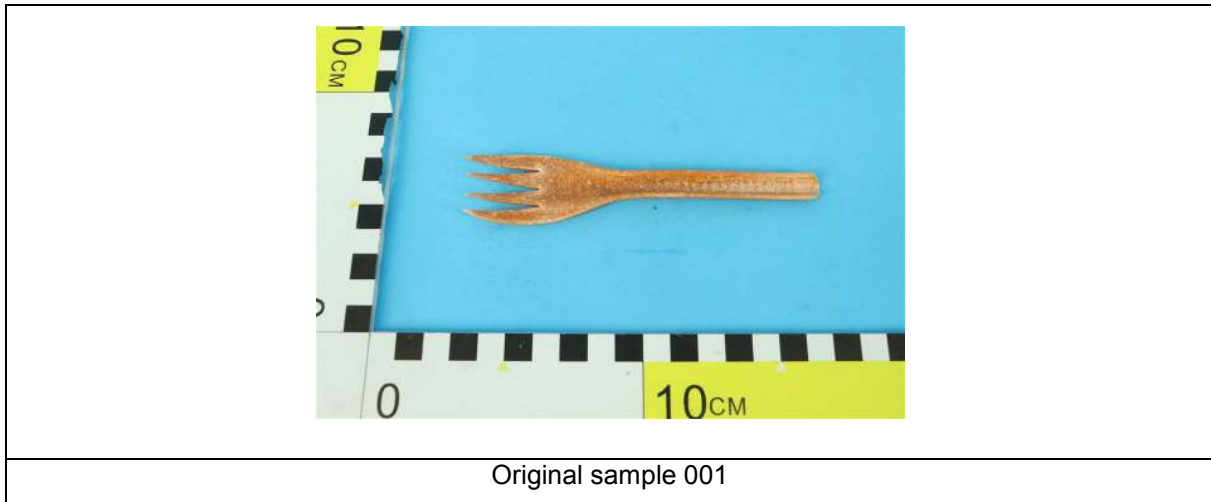
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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Composition Analysis	FTIR, PGC-MS, GC-MS, EDX, DSC and TGA	See result	/

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

Original Sample Photo:



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Test Item: Composition Analysis

Sample Description: Fork

Test Method:

- Fourier Transform Infrared Spectrometer (FTIR)
- Pyrolysis-Gas Chromatography Mass Spectrometry (PGC-MS)
- Gas Chromatography Mass Spectrometry (GC-MS)
- Energy dispersive X-ray fluorescence spectrometer (EDX)
- Differential Scanning Calorimeter (DSC)
- Thermogravimetric Analyzer (TGA)

Test Result:

No.	Composition	Content, Wt%
1	Starch	66
2	Protein	20
3	Fatty acid ester	12
4	Water	2

Note:

1. Wt% - weight percent.
2. Quantitative data is for reference only.



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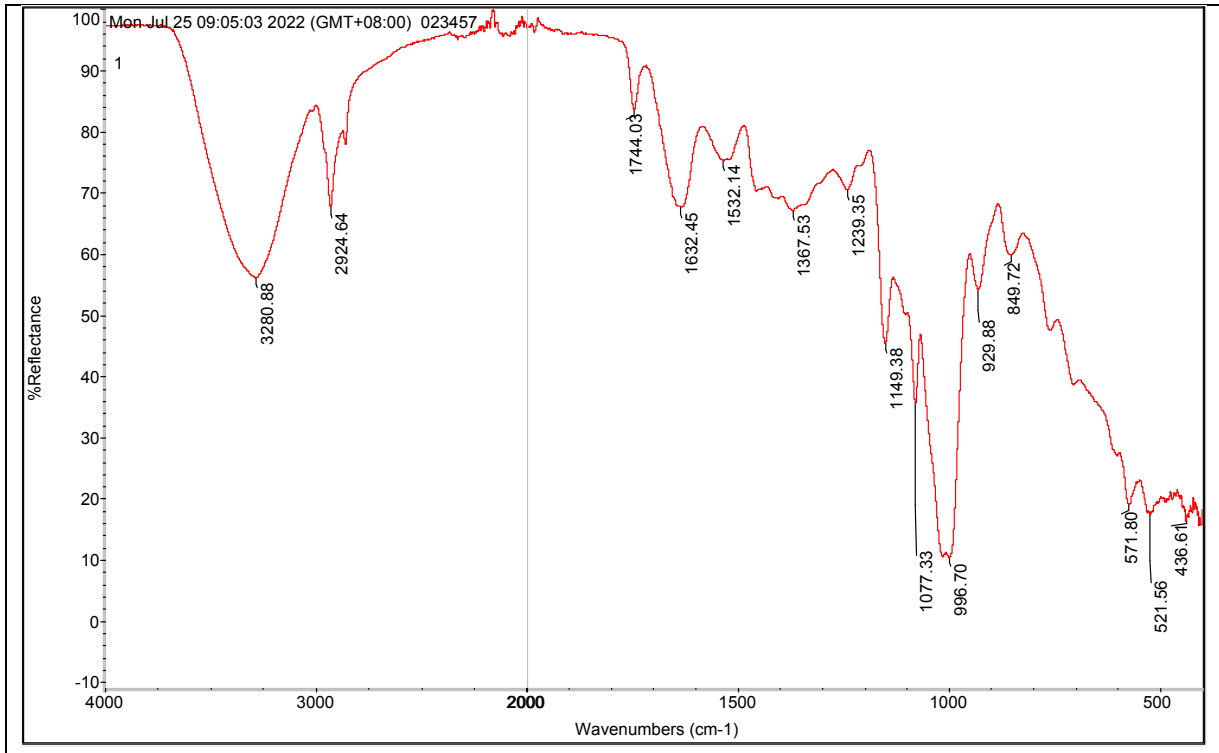
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Fig.1: FTIR spectrum of original sample



Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
FTIR	Nicolet iS50	GZMR-PL-E216	2022-01-11	2023-01-10
PGC-MS	Shimadzu GCMS-QP2010	Chem-019-P	2021-03-22	2023-03-21
GC-MS	7890B- 5977B	CHEM-019-CA	2021-07-28	2023-07-27
EDX	ARL QUANT'X	GZMR-PL-E306	2022-02-23	2023-02-22
DSC	DSC 3	GZMR-PL-E293	2022-03-18	2024-03-17
TGA	TA Q550	GZMR-PL-E299	2021-08-12	2023-08-11

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



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