

TEST REPORT

APPLICANT : SHANTOU EUROPE-PACK PLASTIC CO., LTD

ADDRESS : No. 11, Lane 12, Pumei Meihu Area, Chenghai District, Shantou City, Guangdong Province, China

SAMPLE DESCRIPTION : REUSABLE TABLEWARE

ITEM NO : 1C ,2C. 3C.4C.5C.6C.7C.8C.11C.13C.14C.22C.23C.26C.27C.29C.30C. 31C.32C. 35C.36C.37C.44C.45C.46C.47C.48C.49C.50C.51C.52C.54C. 55C.56C.57C.58C.59C.61C.63C.64C.65C.66C.67C.68C.69C.70C.71C.72C. 73C.74C.75C.76C.77C.78C.79C.80C.81C.82C.84C.85C,86C. 90C.95C.412C.415C,160C.200C.453C.K5.SW3.SW2.SW4.SW5.113C.114. 125C.126C.127C. 58CL 160CL 200CL 67CL 52CL 61CL

PRODUCT MATERIAL : PS

COUNTRY OF ORIGIN : China

SAMPLE RECEIVED DATE : 28-May-2019

TURN AROUND TIME : 28-May-2019 to 13-Jun-2019

REVISED DATE : 17-Jun-2019

The following test item(s) was/were performed on submitted sample(s) and/or component(s) confirmed by applicant

| TEST REQUESTED | RESULT |
|-----------------------------------|--------|
| Overall Migration | Pass |
| Specific Migration of Heavy Metal | Pass |

Note:

Re: Revised Report "EFHZ19052341-CG-01+Rev1"

This report cancels and supersedes report number EFHZ19052341-CG-01 issued on Jun 13, 2017.

Modification description: per client's request, revise item no. , cancel reference sample photo and add new reference sample photo replaces old photo in the revised report.

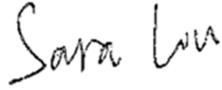
Results obtained refer only to samples, products or material received in Laboratory, as described in point related to sample description, and tested in conditions shown in present report. Eurofins Product Testing Service (Shanghai) Co., Ltd ensures that this job has been performed according to our Quality System and complying contract and legal conditions. If you happen to have any comments, please do it by sending email to info.hz@eurofins.com and referring to this report number. Reproduction of this document is only valid if it is done completely and under the written permission of Eurofins Product Testing Service (Shanghai) Co., Ltd. If you happen to have any complaints, please do it by sending email to chinacomplaint@eurofins.com and referring to this report number.

Eurofins (Hangzhou) contact information**Customer service:** JennyWang@eurofins.com / +86 571 81901655**Sales specialist:** ColinChen@eurofins.com / +86 13817926847

***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

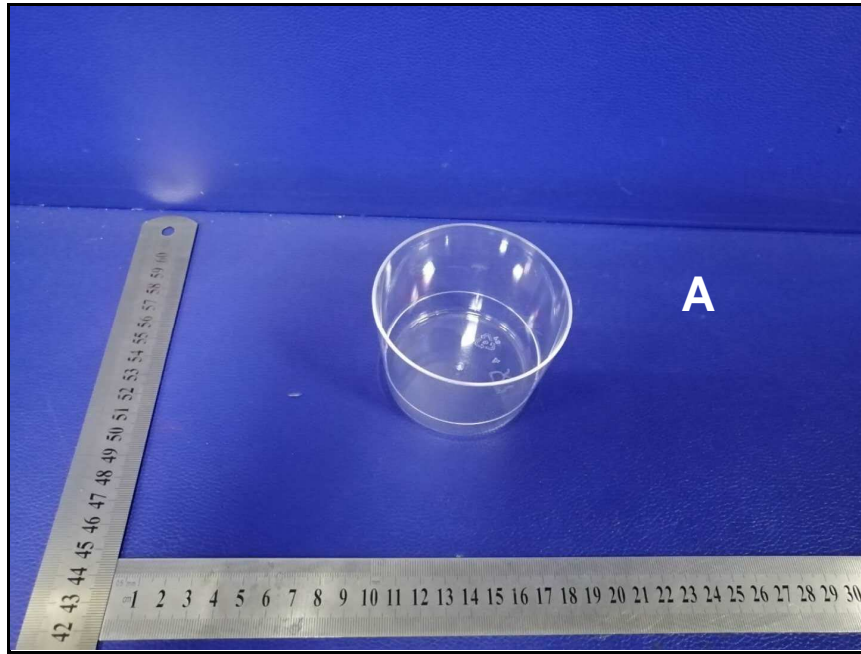
Signed for and on behalf of

Eurofins Product Testing Service (Shanghai) Co., Ltd. Hangzhou Branch



Sara Liu
Lab Manager

SAMPLE PHOTO(S)



EFHZ19052341-CG-01+Rev1

TO BE CONTINUED

REFERENCE SAMPLE PHOTO(S)



The reference sample has not been tested in current report, but according to customer's request, the picture has also been included. For sample tested in current report, please refer to "sample photo".

TO BE CONTINUED

COMPONENT LIST

| Component No. | Component | Sample No. |
|----------------------|--------------------|-------------------|
| 1 | Transparent PS cup | A |

TO BE CONTINUED

TEST RESULT

Overall Migration

Test Request: To determine the Overall Migration for compliance with Commission Regulation (EU) No 10/2011 and its amendments 2018/831 relating to plastic materials and articles intended to come into contact with foodstuffs.

Test Method: By reference to EU 10/2011 for selection of test condition;
 With reference to EN 1186-1:2002 for selection of test methods;
 or EN1186-3:2002 aqueous food simulants by total immersion method;
 or EN1186-9:2002 aqueous food simulants by article filling method;
 or EN1186-2:2002 olive oil by total immersion method;
 or EN1186-8:2002 olive oil by article filling method;
 or EN1186-14:2002 substitute test

| Simulant Used | Time | Temperature | Max. Permissible Limit | Result |
|---|---------|-------------|------------------------|-------------------------|
| | | | | 1 |
| 3% Acetic Acid (W/V) Aqueous Solution | 10 days | 40°C | 10 mg/dm ² | 3.2 mg/dm ² |
| 10% Ethanol (V/V) Aqueous Solution | 10 days | 40°C | 10 mg/dm ² | <3.0 mg/dm ² |
| 95% Ethanol (V/V) Aqueous Solution (Rectified Olive Oil Substitute) | 10 days | 40°C | 10 mg/dm ² | <3.0 mg/dm ² |
| Isooctane (Rectified Olive Oil Substitute) | 2 days | 20°C | 10 mg/dm ² | <3.0 mg/dm ² |

Remark:

- (1) mg/kg = milligram per kilogram
- (2) mg/dm² = milligram per square decimeter
- (3) Analytical tolerance of aqueous simulants is 1 mg/dm² or 6mg/kg
- (4) Analytical tolerance of fatty food simulants is 3 mg/dm² or 20mg/kg
- (5) Test condition & simulant were specified by client.

TO BE CONTINUED

TEST RESULT

Overall Migration

Test Request: In accordance with Council of Europe Resolution AP (2004) 5.

Specific Migration of Heavy Metal

Test Request: To determine the Specific Migration of Heavy Metal for compliance with Commission Regulation (EU) No 10/2011 and its amendments (EU) 2018/831 on plastic materials and articles intended to come into contact with food.

Test Method: With reference to Regulation (EU) 10/2011 for selection of test condition and EN 13130-1:2004 for test preparation method; analysis was performed by ICP-OES.

Simulant Used: 3% Acetic Acid (W/V) Aqueous Solution

Test Condition: 40° C 10days

| Tested Item(s) | Unit | Limit | MDL | Result |
|----------------|-------|-------|------|--------|
| | | | | 1 |
| Barium | mg/kg | 1 | 0.25 | ND |
| Cobalt | mg/kg | 0.05 | 0.05 | ND |
| Copper | mg/kg | 5 | 0.25 | ND |
| Iron | mg/kg | 48 | 0.25 | ND |
| Lithium | mg/kg | 0.6 | 0.5 | ND |
| Manganese | mg/kg | 0.6 | 0.05 | ND |
| Zinc | mg/kg | 5 | 0.5 | ND |
| Nickel | mg/kg | 0.02 | 0.01 | ND |
| Aluminium | mg/kg | 1 | 0.1 | ND |

Remark:

- (1) mg/kg = milligram per kilogram
- (2) MDL = Method Detection Limit
- (3) ND = Not detected, less than MDL
- (4) Test condition & simulant were specified by client.

END OF THE REPORT