

## Test Report

No

Date: 30 Aug 2017

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SUPPLIER DETAILS OMITTED  
FOR PRIVACY REASONS

CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : GOLDEN/SILVER PAPER STRAW

SGS Job No. :

Date of Sample Received : 09 Aug 2017  
Testing Period : 09 Aug 2017 - 29 Aug 2017  
Test Requested : Selected test(s) as requested by client.  
Test Method : Please refer to next page(s).  
Test Results : Please refer to next page(s).

### Result Summary :

| Test Requested   | Conclusion |
|--|------------|
| Council of Europe Resolution AP (2002)1-Preserving effect                          | PASS       |
| Council of Europe Resolution AP (2002)1-Specific migration of benzophenone         | PASS       |
| Council of Europe Resolution AP (2002)1-Specific migration of 4-methylbenzophenone | PASS       |
| Council of Europe Resolution AP (2002)1-Extractable heavy metals                   | PASS       |
| Council of Europe Resolution AP (2002)1-Pentachlorophenol (PCP)                    | PASS       |

Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

*Serena Wang*

Serena Wang  
Approved Signatory



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Test Results :

### Test Part Description :

| Specimen No. | SGS Sample ID | Description                   | Material<br>(claimed by the client) |
|--------------|---------------|-------------------------------|-------------------------------------|
| SN1          |               | White paper straw with golden | Paper                               |

Remarks :

- (1) mg/dm<sup>2</sup> = milligram per square decimeter
- (2) mg/kg = milligram per kilogram
- (3) °C = degree Celsius
- (4) < = less than
- (5) MDL = Method Detection Limit
- (6) ND = Not Detected ( < MDL)

### Council of Europe Resolution AP (2002)1-Preserving effect

Test Method : With reference to EN 1104: 2005.

| Test Item(s)                    | Limit | 001    |
|---------------------------------|-------|--------|
| Bacillus subtilis ATCC No. 6633 | ★     | Absent |
| Aspergillus niger ATCC No.6275  | ★     | Absent |
| Conclusion                      |       | PASS   |

Notes :

- (1) ★ = Absence of zone inhibition
- (2) Absent denotes absence of antimicrobial constituents which inhibits the growth of tested bacteria and fungus.

### Council of Europe Resolution AP (2002)1-Specific migration of benzophenone

Test Method : With reference to EN 13130-1: 2004, analysis was performed by GC-MS.

#### Sample 001

Simulant Used : Rectified olive oil

Test Condition : 40 °C 2.0 hr(s)

| Test Item(s)    | Max. Permissible<br>Limit | Unit | MDL | Test result |
|-----------------|---------------------------|------|-----|-------------|
| Migration times | -                         | -    | -   | First       |



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|                                    |     |                     |     |      |
|------------------------------------|-----|---------------------|-----|------|
| Area/volume                        | -   | dm <sup>2</sup> /kg | -   | 6.0  |
| Specific migration of benzophenone | 0.6 | mg/kg               | 0.2 | ND   |
| Conclusion                         |     |                     |     | PASS |

Notes :

(1) Test condition & simulant were specified by client.

### Council of Europe Resolution AP (2002)1-Specific migration of 4-methylbenzophenone

Test Method : With reference to EN 13130-1: 2004, analysis was performed by GC-MS.

#### Sample 001

Simulant Used : Rectified olive oil

Test Condition : 40 °C 2.0 hr(s)

| <u>Test Item(s)</u>                        | <u>Max. Permissible Limit</u> | <u>Unit</u>         | <u>MDL</u> | <u>Test result</u> |
|--|-------------------------------|---------------------|------------|--------------------|
| Migration times                            | -                             | -                   | -          | First              |
| Area/volume                                | -                             | dm <sup>2</sup> /kg | -          | 6.0                |
| Specific migration of 4-methylbenzophenone | 0.2                           | mg/kg               | 0.2        | ND                 |
| Conclusion                                 |                               |                     |            | PASS               |

Notes :

(1) Test condition & simulant were specified by client.

### Council of Europe Resolution AP (2002)1-Extractable heavy metals

Test Method : With reference to EN 645:1993 , analysis was performed by ICP-MS.

| <u>Test Item(s)</u> | <u>Limit</u> | <u>Unit</u>        | <u>MDL</u> | <u>001</u> |
|---------------------|--------------|--------------------|------------|------------|
| Extractable Lead    | 0.003        | mg/dm <sup>2</sup> | 0.002      | ND         |
| Extractable Cadmium | 0.002        | mg/dm <sup>2</sup> | 0.002      | ND         |
| Extractable Mercury | 0.002        | mg/dm <sup>2</sup> | 0.002      | ND         |
| Conclusion          |              |                    |            | PASS       |

### Council of Europe Resolution AP (2002)1-Pentachlorophenol (PCP)

Test Method : With reference to ISO 17070:2015, analysis was performed by GC-ECD and GC-MS.



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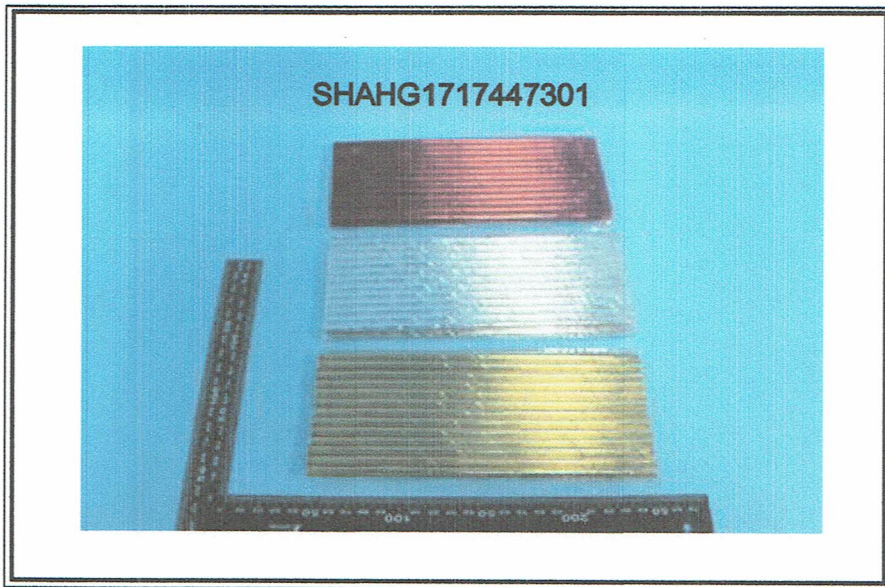
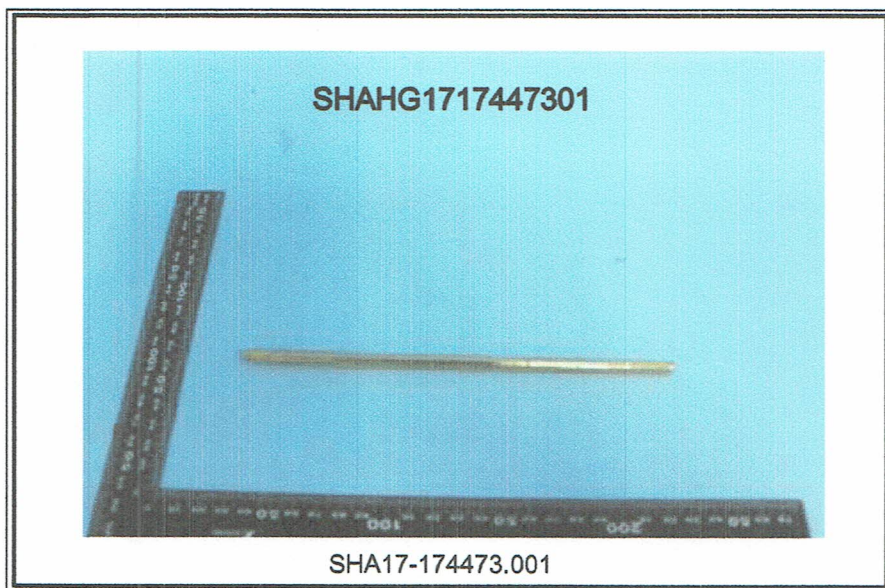
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| <u>Test Item(s)</u>     | <u>Limit</u> | <u>Unit</u> | <u>MDL</u> | <u>001</u>  |
|-------------------------|--------------|-------------|------------|-------------|
| Pentachlorophenol (PCP) | 0.15         | mg/kg       | 0.05       | ND          |
| <b>Conclusion</b>       |              |             |            | <b>PASS</b> |

Sample photo:



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\*\*\* End of Report \*\*\*



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