

# Test Report

No. CANEC1902337801

Date: 27 Feb 2019

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FLASHBAY ELECTRONICS

1-4/F OF BLDG NO.3, BLDG NO.2, 101-501F OF BLDG NO.1, XIFENGCHENG INDUSTRIAL PARK, NO.2, FUYUAN ROAD, HEPING COMMUNITY, FUHAI STREET, BAOAN DISTRICT, SHENZHEN CITY, GUANGDONG PROVINCE, P.R.CHINA


The following sample(s) was/were submitted and identified on behalf of the clients as : Water Bottles

SGS Job No. : CP19-006121 - SZ  
 Model No. : Hydro(HY)  
 Date of Sample Received : 19 Feb 2019  
 Testing Period : 19 Feb 2019 - 26 Feb 2019  
 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 |
|-------------------------------------------------------------------------------------------------------------|------------|
| Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments– Overall migration                 | PASS       |
| Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments– Specific Migration of Heavy Metal | PASS       |

Signed for and on behalf of  
 SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch



Ivy Ren  
 Approved Signatory



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Test Results :

Test Part Description :

| Specimen No. | SGS Sample ID    | Description         | Material<br>(claimed by the client) |
|--------------|------------------|---------------------|-------------------------------------|
| SN1          | CAN19-023378.001 | Dk-blue plastic lid | PP                                  |

**Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments– Overall migration**

Test Method : With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods; or EN 1186-3:2002 aqueous food simulants by total immersion method;

| <u>Simulant Used</u>               | <u>Time</u> | <u>Temperature</u> | <u>Max. Permissible Limit</u> | <u>Result of 001 Overall Migration</u> | <u>Comment</u> |
|------------------------------------|-------------|--------------------|-------------------------------|----------------------------------------|----------------|
| 20% Ethanol (V/V) Aqueous Solution | 2.0hr(s)    | 70°C               | 10mg/dm <sup>2</sup>          | <3.0mg/dm <sup>2</sup>                 | PASS           |

Notes :

1. mg/dm<sup>2</sup> = milligram per square decimetre  
mg/kg = milligram per kilogram of foodstuff in contact with
2. °C = degree Celsius
3. Analytical tolerance of aqueous simulants is 2mg/dm<sup>2</sup> or 12mg/kg
4. Analytical tolerance of fatty food simulants is 3mg/dm<sup>2</sup> or 20mg/kg
5. The test data is obtained by considering the articles intended for repeated use as per described in Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex V. Report the 3rd extractive result.
6. Result(s) was/were calculated based on the total contact surface of the sealing article and sealed container provided by client.

**Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments–Specific Migration of Heavy Metal**

Test Method : With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN13130-1:2004 for selection of test method, analysis was performed by ICP-OES.

**Sample 001**

Simulant Used : 20% Ethanol (V/V) Aqueous Solution

Test Condition : 70 °C 0.5 hr(s)



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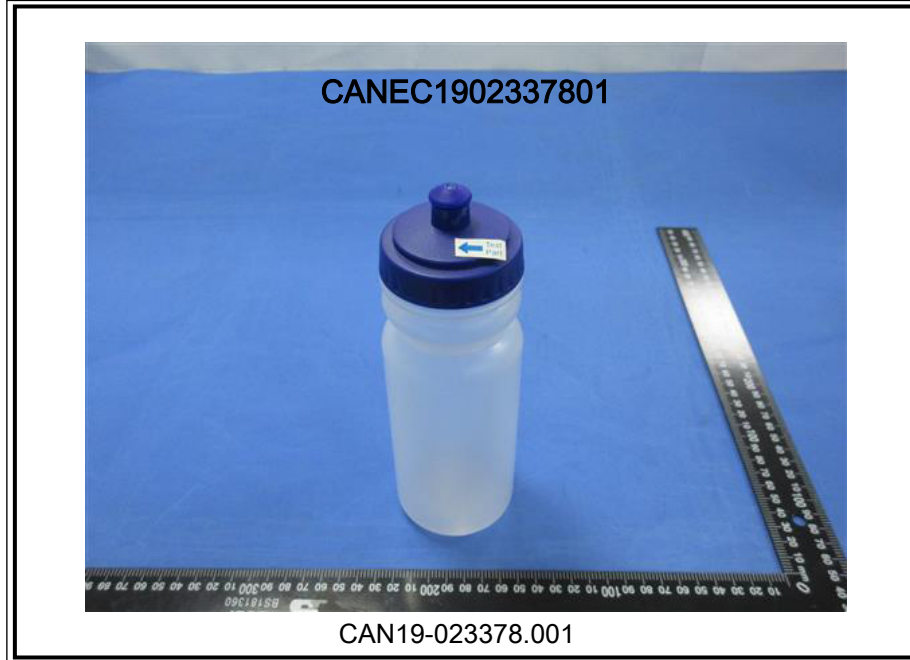
| <u>Test Item(s)</u> | <u>Max. Permissible Limit</u> | <u>Unit</u>         | <u>MDL</u> | <u>Test result</u> |
|---------------------|-------------------------------|---------------------|------------|--------------------|
| Migration times     | -                             | -                   | -          | 3rd                |
| Area/Volume         | -                             | dm <sup>2</sup> /kg | -          | 7.6                |
| Barium              | 1                             | mg/kg               | 0.25       | ND                 |
| Cobalt              | 0.05                          | mg/kg               | 0.01       | ND                 |
| Copper              | 5                             | mg/kg               | 0.25       | ND                 |
| Iron                | 48                            | mg/kg               | 0.25       | ND                 |
| Lithium             | 0.6                           | mg/kg               | 0.5        | ND                 |
| Manganese           | 0.6                           | mg/kg               | 0.25       | ND                 |
| Zinc                | 5                             | mg/kg               | 0.5        | ND                 |
| Alumium             | 1                             | mg/kg               | 0.1        | ND                 |
| Nickel              | 0.02                          | mg/kg               | 0.01       | ND                 |
| <b>Comment</b>      |                               |                     |            | <b>PASS</b>        |

Notes :

1. mg/kg = milligram per kilogram of foodstuff in contact with
2. °C = degree Celsius
3. MDL=Method Detection Limit
4. ND = Not Detected(less than MDL)
- 5.The limits of nickel according to Commission Regulation (EU) 2017/752 shall be applied from 19 May 2019.



Sample photo:



SGS authenticate the photo on original report only

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