

Test Report

No. HKGEC1900776501

Date : 16 Oct 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 samples were / sample was submitted and identified on behalf of the client as DRINKWARE

SGS Job No. : 20274523 - HK
SGS Ref. No. : CP19-051460
Style / Item No. : BARISTA
Buyer : FLASHBAY JAPAN CO., LTD.
Buyer Address : 3F TSR BLDG, 20-9 NISHI-SHINBASHI 1-CHOME, MINATO-KU,
TOKYO, 105-0003, JAPAN
Supplier : 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,
Supplier Address : HEPING COMMUNITY, FUHAI STREET, BAOAN DISTRICT,
SHENZHEN CITY, GUANGDONG PROVINCE, P.R. CHINA
Manufacturer : 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,
Manufacturer Address : HEPING COMMUNITY, FUHAI STREET, BAOAN DISTRICT,
SHENZHEN CITY, GUANGDONG PROVINCE, P.R. CHINA
Country of Origin : CHINA
Country of Destination : JAPAN
Sample Receiving Date : 23 Sep 2019
Testing Period : 23 Sep 2019 – 03 Oct 2019

Test Requested : Please refer to the result summary.

Test Method & Results : Please refer to next page(s).

Result Summary : Please refer to next page(s).

Signed for and on behalf of
SGS Hong Kong Limited



Lam Ka Yung, Allen
Chemist

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Result Summary :

Test Requested	Conclusion
Japan Ministry of Health and Welfare Notice No. 370 and its amendments Part III Section D for the compliance of the provisions of paragraph 1 of Article 7 and Article 10 of Japan Food Sanitation Law (Law No. 233). (i.e. selected tests as specified by client)	--
1) Rubber – Migration of coloring matter	PASS
2) Rubber – Total Lead and Cadmium content	PASS
3) Rubber – 2-Mercaptoimidazoline content	PASS
4) Rubber – Extractable Phenol	PASS
5) Rubber – Extractable Formaldehyde	PASS
6) Rubber – Extractable Zinc	PASS
7) Rubber – Heavy metals (as Lead)	PASS
8) Rubber – Evaporation residue of water	PASS
9) Plastics – Migration of coloring matter	PASS
10) Plastics – Total Lead and Cadmium content	PASS
11) Plastics – Heavy metals (as Lead)	PASS
12) Plastics – Consumption of Potassium Permanganate	PASS
13) Polystyrene – Volatile substances (Styrene, Toluene, Ethylbenzene, Isopropylbenzene and n-Propylbenzene)	PASS
14) Polystyrene – Evaporation residue of water	PASS

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Component List :

Style / Item No.	Part No.	Part Name	Sample Description
BARISTA	Bottle Body	Bottle Body	Orange soft plastic (Silica Gel) (Bottle Body) (A) (Tested Item) (HKG19-007765.001)
BARISTA	Plug	Plug	Orange soft plastic (Silica Gel) (Plug) (A) (HKG19-007765.001)
BARISTA	Bottle Loop	Bottle Loop	White plastic (ABS) (Bottle Loop) (B) (Tested Item) (HKG19-007765.002)
BARISTA	Lid	Lid	White plastic (ABS) (Lid) (B) (HKG19-007765.002)

Test Results :

Japan Ministry of Health and Welfare Notice No. 370 and its amendments Part III Section D for the compliance of the provisions of paragraph 1 of Article 7 and Article 10 of Japan Food Sanitation Law (Law No. 233)

Method : With reference to Section III of Japan Ministry of Health and Welfare Notice No. 370 and its amendments.

1) Rubber – Migration of coloring matter

Simulant Used	Test Condition	Observation
		1
Water	30 minutes at 60°C	No color leach out
Comment	--	PASS

Sample Description :

1. Orange soft plastic (Silica Gel) (Bottle Body) (A) (Tested Item) (HKG19-007765.001)

Note : °C = degree Celsius

2) Rubber – Total Lead and Cadmium content

Test items	Result (µg/g)	Reporting Limit (µg/g)	Limit (µg/g)
	1		
Lead content	ND	5	100
Cadmium content	ND	5	100
Comment	PASS	--	--

Sample Description :

1. Orange soft plastic (Silica Gel) (Bottle Body) (A) (Tested Item) (HKG19-007765.001)

Note : 1. µg/g = microgram per gram

2. ND = Not Detected

3. Modified method according to Japan Ministry of Health, Labour and Welfare Notice No. 595 has been adopted.

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Test Results (Cont'd) :

3) Rubber – 2-Mercaptoimidazoline content

Test items	Result (µg/g)	Reporting Limit (µg/g)	Requirement
	1		
2-Mercaptoimidazoline content	ND	20	Negative
Comment	PASS	--	--

Sample Description:

1. Orange soft plastic (Silica Gel) (Bottle Body) (A) (Tested Item) (HKG19-007765.001)

Note : 1. µg/g = microgram per gram

2. ND = Not Detected

3. Modified method according to Japan Ministry of Health, Labour and Welfare Notice No. 595 has been adopted.

4) Rubber – Extractable Phenol

Test Condition : Water at 60°C for 30 minutes.

Test items	Result (µg/mL)	Reporting Limit (µg/mL)	Limit (µg/mL)
	1		
Extractable Phenol	ND	1	5
Comment	PASS	--	--

Sample Description :

1. Orange soft plastic (Silica Gel) (Bottle Body) (A) (Tested Item) (HKG19-007765.001)

Note: 1. °C = degree Celsius

2. µg/mL = microgram per millilitre

3. ND = Not Detected

5) Rubber – Extractable Formaldehyde

Test Condition : Water at 60°C for 30 minutes.

Test Item	Result	Requirement
	1	
Extractable Formaldehyde	Negative	Negative
Comment	PASS	--

Sample Description:

1. Orange soft plastic (Silica Gel) (Bottle Body) (A) (Tested Item) (HKG19-007765.001)

Note: °C = degree Celsius

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Test Results (Cont'd) :

6) Rubber – Extractable Zinc

Test Condition : 4% acetic acid at 60°C for 30 minutes.

Test items	Result (µg/mL)	Reporting Limit (µg/mL)	Limit (µg/mL)
	1		
Extractable Zinc	ND	0.1	15
Comment	PASS	--	--

Sample Description :

1. Orange soft plastic (Silica Gel) (Bottle Body) (A) (Tested Item) (HKG19-007765.001)

- Note:
1. °C = degree Celsius
 2. µg/mL = microgram per millilitre
 3. ND = Not Detected

7) Rubber – Heavy metals (as Lead)

Test Condition : 4% acetic acid at 60°C for 30 minutes.

Test items	Result (µg/mL)	Reporting Limit (µg/mL)	Limit (µg/mL)
	1		
Heavy Metals (as Lead)	ND	1	1
Comment	PASS	--	--

Sample Description :

1. Orange soft plastic (Silica Gel) (Bottle Body) (A) (Tested Item) (HKG19-007765.001)

- Note:
1. °C = degree Celsius
 2. µg/mL = microgram per millilitre
 3. ND = Not Detected
 4. >1 is shown when sample solution is darker than the standard solution with 1 µg/mL of Lead.

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Test Results (Cont'd) :

8) Rubber – Evaporation residue of water

Simulant Used	Test Condition	Evaporation residue (µg/mL)	Reporting Limit (µg/mL)	Limit (µg/mL)
		1		
Water	30 minutes at 60°C	ND	10	60
Comment	--	PASS	--	--

Sample Description :

1. Orange soft plastic (Silica Gel) (Bottle Body) (A) (Tested Item) (HKG19-007765.001)

- Note:
1. °C = degree Celsius
 2. µg/mL = microgram per millilitre
 3. ND = Not Detected

9) Plastics – Migration of coloring matter

Simulant Used	Test Condition	Observation
		1
Water	30 minutes at 60°C	No color leach out
Comment	--	PASS

Sample Description :

1. White plastic (ABS) (Bottle Loop) (B) (Tested Item) (HKG19-007765.002)

Note : °C = degree Celsius

10) Plastics – Total Lead and Cadmium content

Test items	Result (µg/g)	Reporting Limit (µg/g)	Limit (µg/g)
	1		
Lead content	ND	5	100
Cadmium content	ND	5	100
Comment	PASS	--	--

Sample Description :

1. White plastic (ABS) (Bottle Loop) (B) (Tested Item) (HKG19-007765.002)

- Note :
1. µg/g = microgram per gram
 2. ND = Not Detected

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Test Results (Cont'd) :

11) Plastics – Heavy metals (as Lead)

Test Condition : 4% acetic acid at 60°C for 30 minutes.

Test items	Result (µg/mL)	Reporting Limit (µg/mL)	Limit (µg/mL)
	1		
Heavy Metals (as Lead)	ND	1	1
Comment	PASS	--	--

Sample Description :

1. White plastic (ABS) (Bottle Loop) (B) (Tested Item) (HKG19-007765.002)

- Note:
1. °C = degree Celsius
 2. µg/mL = microgram per millilitre
 3. ND = Not Detected
 4. >1 is shown when sample solution is darker than the standard solution with 1 µg/mL of Lead.

12) Plastics – Consumption of Potassium Permanganate

Test Condition : Water at 60°C for 30 minutes.

Test items	Result (µg/mL)	Reporting Limit (µg/mL)	Limit (µg/mL)
	1		
Consumption of Potassium Permanganate	ND	5	10
Comment	PASS	--	--

Sample Description :

1. White plastic (ABS) (Bottle Loop) (B) (Tested Item) (HKG19-007765.002)

- Note:
1. °C = degree Celsius
 2. µg/mL = microgram per millilitre
 3. ND = Not Detected

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Test Results (Cont'd) :

13) Polystyrene – Volatile substances (Styrene, Toluene, Ethylbenzene, Isopropylbenzene and n-Propylbenzene)

Volatile substances	Result (µg/g)	Reporting Limit (µg/g)	Limit (µg/g)
	1		
Styrene	521	5	1000
Toluene	ND	5	--
Ethylbenzene	ND	15	1000
Isopropylbenzene	12	5	--
n-propylbenzene	ND	5	--
Total	533	--	2000
Comment	PASS	--	--

Sample Description :

1. White plastic (ABS) (Bottle Loop) (B) (Tested Item) (HKG19-007765.002)

Note : 1. µg/g = microgram per gram

2. ND = Not Detected

3. Modified method according to Japan Ministry of Health, Labour and Welfare Notice No. 595 has been adopted.

14) Polystyrene – Evaporation residue of water

Simulant Used	Test Condition	Evaporation residue (µg/mL)	Reporting Limit (µg/mL)	Limit (µg/mL)
		1		
Water	30 minutes at 60°C	ND	10	30
Comment	--	PASS	--	--

Sample Description :

1. White plastic (ABS) (Bottle Loop) (B) (Tested Item) (HKG19-007765.002)

Note: 1. °C = degree Celsius

2. µg/mL = microgram per millilitre

3. ND = Not Detected

Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

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