



## TEST REPORT

Report No : AB0059817(8) Date: 2022-12-05

Application No : LB034140(1)

Applicant : FLASHBAY ELECTRONICS  
BUILDING 2, JIXUN INDUSTRIAL PARK, XINJIAO,  
DONG'AO VILLAGE, SHATIAN TOWN, HUIYANG DISTRICT,  
HUIZHOU CITY, GUANGDONG PROVINCE, P.R. CHINA

Factory : FLASHBAY ELECTRONICS  
BUILDING 2, JIXUN INDUSTRIAL PARK, XINJIAO,  
DONG'AO VILLAGE, SHATIAN TOWN, HUIYANG DISTRICT,  
HUIZHOU CITY, GUANGDONG PROVINCE, P.R. CHINA

Sample Description : One (1) submitted sample(s) stated to be :  
Item Name : Travel Cups  
Item No. : Crew Bamboo/CWB

Date Received : 2022-11-18.

Test Period : 2022-11-18 to 2022-11-29.

Test Requested : Specifications and Standards for Foods, Food Additives, etc. (Under the Japan Food Sanitation Law, Ministry of Health and Welfare **notice No. 370**, 28 December 1959, the Ministry of Health, Labour and Welfare **notice No. 201**, 31 March 2006, **notice No. 416**, 11 August 2008, **notice No. 595**, 28 December 2012 and **notice No. 245**, Jun 2016)  
Part III – Implements, Containers and Packaging

Test Method : As stated in the above specification.

Test Result : Refer to the results pages for details.

For and on behalf of  
CMA Industrial Development Foundation Limited

Authorized Signature : \_\_\_\_\_

  
Wan Leong Hang  
Technical Manager

Page 1 of 8

The conformity statement stated in Conclusion above is based on the decision rule agreed with applicant and listed in [www.cmateesting.org/qac/statement-of-conformity.pdf](http://www.cmateesting.org/qac/statement-of-conformity.pdf).  
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CMA Industrial Development Foundation Limited

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Conclusion	<u>Test Item</u>	<u>Result</u>
	Specifications and Standards for Foods, Food Additives, etc. (Under the Japan Food Sanitation Law, Ministry of Health and Welfare <b>notice No. 370</b> , 28 December 1959, the Ministry of Health, Labour and Welfare <b>notice No. 201</b> , 31 March 2006, <b>notice No. 416</b> , 11 August 2008, <b>notice No. 595</b> , 28 December 2012 and <b>notice No. 245</b> , Jun 2016) Part III – Implements, Containers and Packaging	Passed
Remark	Material information in this report is provided by client	

For and on behalf of  
CMA Industrial Development Foundation Limited

Authorized Signature : \_\_\_\_\_

Page 2 of 8

Wan Leong Hang  
Technical Manager

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Test Result :

Specifications and Standards for Foods, Food Additives, etc. (Under the Japan Food Sanitation Law, Ministry of Health and Welfare **notice No. 370**, 28 December 1959, the Ministry of Health, Labour and Welfare **notice No. 201**, 31 March 2006, **notice No. 416**, 11 August 2008, **notice No. 595**, 28 December 2012 and **notice No. 245**, Jun 2016)

Part III - Implements, Containers and Packaging.

### **A. Standards for General Implements, Containers, Packaging and Component Materials**

#### (a) Coloring matters

<u>Test item</u>	<u>1</u>	<u>2</u>	<u>Sample</u> <u>3</u>	<u>4</u>	<u>Limit</u>
Running of coloring matters	N.R.	N.R.	N.R.	N.R.	N.R.

Note 1 : N.R. denotes Not Recognized

Note 2 : Sample 1 = Transparent co-polyester of lid of item  
Sample 2 = Transparent MABS of slide cover of item  
Sample 3 = Translucent white silicone rubber of gasket of item  
Sample 4 = Silvery metal (stainless steel) of body of item

#### (b) Manufactured or Repaired using Metal

<u>Test item</u>	<u>Sample</u> <u>4</u>	<u>Limit</u>
Lead Content (% w/w)	<0.0015	0.1
Antimony (% w/w)	<0.01	5

Note 1 : % w/w denotes percentage by weight

Note 2 : < denotes less than

Note 3 : Sample 4 = Silvery metal (stainless steel) of body of item

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### **D. Material-specific Specifications for Implements, Containers, Packaging and Component Materials**

#### **D2. Synthetic resin implements, containers and packaging**

(a) General specification

(i) Material Test

<u>Test item</u>	<u>Sample</u>		<u>Limit</u>
	<u>1</u>	<u>2</u>	
Cadmium content ( $\mu\text{g/g}$ )	<5	<5	100
Lead content ( $\mu\text{g/g}$ )	<15	<15	100

(ii) Elution Test

<u>Test item</u>	<u>Sample</u>		<u>Limit</u>
	<u>1</u>	<u>2</u>	
Consumption of $\text{KMnO}_4$ (water, $60^\circ\text{C}$ , 30 mins), ( $\mu\text{g/ml}$ )	<2	<2	10
Heavy metals as Lead (4% acetic acid, $60^\circ\text{C}$ , 30 mins), ( $\mu\text{g/ml}$ )	<1	<1	1

Note 1 :  $\mu\text{g/g}$  denotes microgram per gram

$\mu\text{g/ml}$  denotes microgram per milliliter

Note 2 : < denotes less than

Note 3 : Tests are for container / implement used at temperature less than  $100^\circ\text{C}$

Note 4 : Sample 1 = Transparent co-polyester of lid of item  
Sample 2 = Transparent MABS of slide cover of item



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(b) Individual specifications

### Polystyrene (and styrene type)

(i) Material Test – Volatile substances (for non expanded polystyrene)

<u>Test item</u>	<u>Sample</u> <u>2</u>
Toluene (mg/kg)	<20
Ethyl benzene (mg/kg)	174
Styrene (mg/kg)	767
Isopropyl benzene (mg/kg)	103
Propylbenzene (mg/kg)	<20

Requirement : Total amount of styrene, toluene, ethyl benzene, isopropyl benzene and propylbenzene must be less than 5 mg/g (5000 mg/kg).

(ii) Elution Test

<u>Test item</u>	<u>Sample</u> <u>2</u>	<u>Limit</u>
Evaporation residue		
- water (60°C, 30 mins), (µg/ml)	<10	30
- 4% acetic acid (60°C, 30 mins), (µg/ml)	<10	30
- n-heptane (25°C, 60 mins), (µg/ml)	<10	240

Note 1 : mg/kg denotes milligram per kilogram  
mg/g denotes milligram per gram  
µg/ml denotes microgram per milliliter

Note 2 : < denotes less than

Note 3 : Tests are for container / implement used at temperature less than 100°C

Note 4 : Sample 2 = Transparent MABS of slide cover of item



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(b) Individual specifications

### Polymethylmethacrylate (PMMA)

#### Elution Test

<u>Test item</u>	<u>Sample</u> <u>2</u>	<u>Limit</u>
Methyl methacrylate (20% ethanol, 60°C, 30 mins), (µg/ml)	<1	15
Evaporation residue		
- water (60°C, 30 mins), (µg/ml)	<10	30
- 4% acetic acid (60°C, 30 mins), (µg/ml)	<10	30
- n-heptane (25°C, 60 mins), (µg/ml)	<10	30

Note 1 : µg/ml denotes microgram per milliliter

Note 2 : < denotes less than

Note 3 : Tests are for container / implement used at temperature less than 100°C

Note 4 : Sample 2 = Transparent MABS of slide cover of item

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### **D3. Rubber implements, containers and packaging**

#### Rubber implements (except nursing utensils), containers and packaging - Not containing chlorine

<u>Test item</u>	<u>Sample</u> 3	<u>Limit</u>
<b>(i) Material Test</b>		
Cadmium (µg/g)	<5	100
Lead (µg/g)	<15	100
<b>(ii) Elution Test</b>		
Evaporation residue		
- water, 60°C, 30 mins (µg/ml)	<10	60
Phenol (water, 60°C, 30 mins) (µg/ml)	<0.5	5
Formaldehyde (water, 60°C, 30 mins)	NDC	NDC
Zinc (4% acetic acid, 60°C, 30 mins) (µg/ml)	<0.1	15
Heavy metals as Lead (µg/ml)	<1	1
(4% acetic acid, 60°C, 30 mins)		

Note 1 : µg/g denotes microgram per gram

µg/ml denotes microgram per milliliter

Note 2 : NDC denotes Not Darker than Contrast solution

Note 3 : < denotes less than

Note 4 : Tests are for container / implement used at temperature less than 100°C

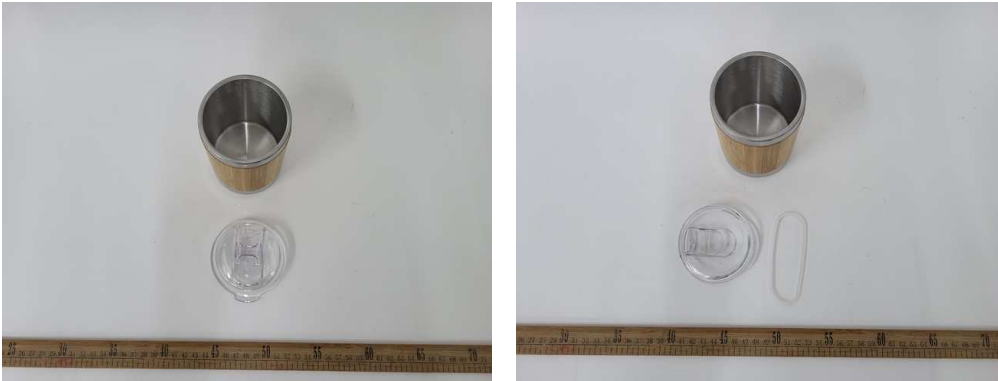
Note 5 : Sample 3 = Translucent white silicone rubber of gasket of item

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Appendix



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