



## TEST REPORT

Report No : AA0045861(2) Date : 28 Sep 2021

Application No : LA025667(4)

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 : Two (2) submitted sample(s) stated to be :  
Item Name : Water Bottle  
Item No. : Nova clear(NVC)

Date Received : 07 Sep 2021.

Test Period : 07 Sep 2021 to 15 Sep 2021.

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.

Conclusion	Test Item	Result
	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 : \_\_\_\_\_

  
Wan Leong Hang  
Deputy Manager

Page 1 of 6



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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**

Coloring matters

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

Note 1 : N.R. denotes Not Recognized

Note 2 : Sample 1 = Black PP of lid of Item A, Item B

Sample 2 = Transparent Co-polyester of bottle body of Item A, Item B

Sample 3 = Translucent silicone rubber of ring of lid of Item A, Item B



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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 = Black PP of lid of Item A, Item B

Sample 2 = Transparent Co-polyester of bottle body of Item A, Item B



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(b) Individual specifications

Polyethylene (PE) and Polypropylene (PP)

Elution Test

<u>Test item</u>	<u>Sample 1</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	150

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 1 = Black PP of lid of Item A, Item B

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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 silicone rubber of ring of lid of Item A, Item B

**TEST REPORT**

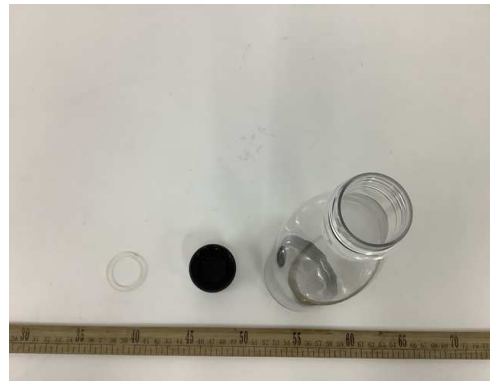
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Appendix



(A)



(B)

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