

TEST REPORT

Report No : A00003484(8) Date: 2023-01-20

Application No : LB034308(7)

Client : FLASHBAY ELECTRONICS
BUILDING2, JIXUN INDUSTRIAL PARK,
XINJIAO, DONG'AO VILLAGE, SHATIAN TOWN, HUIYANG DISTRICT,
HUIZHOU CITY, GUANGDONG PROVINCE, P.R. CHINA

Factory : FLASHBAY ELECTRONICS
BUILDING2, 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 : Water Bottles
Item No. : Nova pure-NVP

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

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Conclusion : Test Item Result

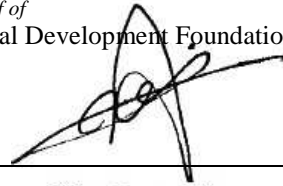
Specifications and Standards for Foods, Food Additives, etc. (Under the Japan Food Sanitation Law, Ministry of Health and Welfare **notice No. 370**, 28 December 1959, the Ministry of Health, Labour and Welfare **notice No. 201**, 31 March 2006, **notice No. 416**, 11 August 2008, **notice No. 595**,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

Part III – Implements, Containers and Packaging

Passed

Remark : 1. Material information in this report is provided by client
2. This report supersedes the test report no. A00002223(9) issued on 2023-01-13. "[^]" denotes revised information due to information clarified
3. Result of (b) Individual specifications of (i) Polystyrene (and styrene type) deleted due to information clarified.

For and on behalf of
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Authorized Signature : _____

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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>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

Sample 2 = Translucent silicone rubber of gasket of item

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

(b) Manufactured or Repaired using Metal

<u>Test item</u>	<u>Sample</u> <u>3</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 3 = 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>1</u>	<u>Limit</u>
Cadmium content ($\mu\text{g/g}$)	<5	100
Lead content ($\mu\text{g/g}$)	<15	100

(ii) Elution Test

<u>Test item</u>	<u>Sample</u> <u>1</u>	<u>Limit</u>
Consumption of KMnO_4 (water, 60°C , 30 mins), ($\mu\text{g/ml}$)	<2	10
Heavy metals as Lead (4% acetic acid, 60°C , 30 mins), ($\mu\text{g/ml}$)	<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°C

Note 4 : ^Sample 1 = Black PP of lid of item

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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

D3. Rubber implements, containers and packaging

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

<u>Test item</u>	<u>Sample 2</u>	<u>Limit</u>
(i) Material Test		
Cadmium (µg/g)	<5	100
Lead (µg/g)	<15	100
(ii) Elution Test		
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 2 = Translucent silicone rubber of gasket of item

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^Appendix



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^Appendix



**Sample Not Tested
(Photo provided by client)**

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