

TEST REPORT

Report No : AB0020621(0) Date: 20 May 2022

Application No : LB009221(3)

Applicant : DEKRA TESTING AND CERTIFICATION (SHANGHAI) LTD. GUANGZHOU
BRANCH
HOUSE, NO. 3 QIYUN ROAD, SCIENCE CITY,
HUANGPU DISTRICT, GUANGZHOU,
GUANGDONG PROVINCE, 510663, 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 : Nine (9) submitted sample(s) stated to be :
Description : Item Name : Water Bottles
Item No. : Adventure(AD)

Date Received : 19 Apr 2022.

Test Period : 19 Apr 2022 to 20 May 2022.


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
Deputy Manager

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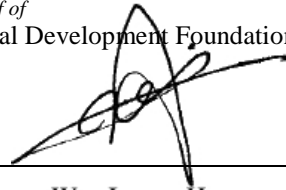
Conclusion : Test Item Result

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. AB0015136(5) issued on 12 May 2022. "**^**" denotes revised information due to information clarified.

For and on behalf of
CMA Industrial Development Foundation Limited



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 cap and mouth lid of Item A to Item I
 Sample 2 = Translucent silicone rubber of ring of cap and mouth lid of Item A to Item I
 ^Sample 3 = Silvery stainless steel of container of Item A to Item I

(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 stainless steel of container of Item A to Item I

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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 cap and mouth lid of Item A to Item I



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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
- 20% ethanol (60°C, 30 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 1 = Black PP of cap and mouth lid of Item A to Item I

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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> <u>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
- 4% acetic acid, 60°C, 30 mins (µg/ml)	<10	60
- 20% ethanol, 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 (4% acetic acid, 60°C, 30 mins) (µg/ml)	<1	1

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 ring of cap and mouth lid of Item A to Item I

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Appendix



(A)



(B)



(C)



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Appendix



(D)



(E)



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Appendix



(G)



(H)



(I)

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