

TEST REPORT



Applicant: Flashbay Electronics
Building2, jixun industrial park,
xinjiao,dong'ao village,
shatian town, huiyang district,
Huizhou city, Guangdong province,
P.R.china

Number: HKGH03112396

Date: Apr 23, 2024

Sample and Information provided by customer :
Item Name : **Travel Cups**
Item No. : Aroma (AM)
Quantity : 8 pieces

For and on behalf of :
Intertek Testing Services HK Ltd.



Dorothy M.Y. Lau
Vice President



TEST REPORT

Number : HKGH03112396

Conclusion:

The submitted sample was tested under the following requirements requested by the applicant, subject to the information stated in the remark and attached page(s) for details :

| <u>Requirement</u> | <u>Result</u> |
|--|---------------|
| (1) Specifications and Standards and Testing Methods of "Foodstuffs", "Implements", "Containers and Packaging", "Toys" and "Detergents", Section III - Apparatus and Containers and Packages, (Notification No. 370 of Ministry of Health, Labour and Welfare, 1959) and (Notification No. 595 of Ministry of Health, Labour and Welfare, amendment on 28/12/2012) under the Japan Food Sanitation Law (Law No. 233, 1947) - Rubber | Pass |
| (2) Specifications and Standards and Testing Methods of "Foodstuffs", "Implements", "Containers and Packaging", "Toys" and "Detergents", Section III - Apparatus and Containers and Packages, (Notification No. 370 of Ministry of Health, Labour and Welfare, 1959), under the Japan Food Sanitation Law (Law No. 233, 1947) - Synthetic Resin - Polypropylene. | Pass |
| (3) Specifications and Standards and Testing Methods of "Foodstuffs", "Implements", "Containers and Packaging", "Toys" and "Detergents", Section III - Apparatus and Containers and Packages, (Notification No. 370 of Ministry of Health, Labour and Welfare, 1959), under the Japan Food Sanitation Law (Law No. 233, 1947) - Metal to be used for manufacture or repair | Pass |

Decision Rule(s):

When a statement of conformity to a specification or standard is provided on test report, the decision rule shall be applied. For details, please refer to Intertek's "Decision Rule Document" and is available on Intertek's website. <https://intertekhk.grd.by/decision-rule-doc..>
If decision rule already inhaled in the requested specification or standard, Intertek's "Decision Rule Document" is not applicable and indication of "∞" was shown as above table.



TEST REPORT

Number : HKGH03112396

(1) Chemical Properties for Synthetic Resin - Rubber

Test method: Specifications and Standards and Testing Methods of “Foodstuffs”, “Implements”, “Containers and Packaging”, “Toys” and “Detergents”, Section III - Apparatus and Containers and Packages, (Notification No. 370 of Ministry of Health, Labour and Welfare, 1959) and (Notification No. 595 of Ministry of Health, Labour and Welfare, amendment on 28/12/2012) under the Japan Food Sanitation Law (Law No. 233,1947).

| Component no. | Component description | Location | Material type provided by client |
|---------------|---------------------------|---|----------------------------------|
| (B) | Translucent white plastic | gasket | Silicone |
| (C) | Black plastic | Round TPR on flip / Rectangular TPR on flip | TPR |

Intended use of product: Temperature ≤ 100°C

| Material type | | Rubber | | | |
|----------------------------------|------------------------|----------------|----------------|----------|----------------|
| Parameter | | Result | | Limit | Conclusion |
| | | (B) | (C) | | |
| i) Individual requirement | | | | | |
| Material test | | | | | |
| • Total cadmium (Cd) | | < 5 µg/g | < 5 µg/g | 100 µg/g | Pass |
| • Total lead (Pb) | | < 5 µg/g | < 5 µg/g | 100 µg/g | Pass |
| • Chlorine by Beilstein test | | Negative | Negative | --- | --- |
| • 2-Mercaptoimidazoline | | Not applicable | Not applicable | Negative | Not applicable |
| Elution test | | | | | |
| • Evaporation residue | Leaching condition | | | | |
| 20% Ethanol | At 60°C for 30 minutes | 11 µg/ml | < 10 µg/ml | 60 µg/ml | Pass |
| Water | At 60°C for 30 minutes | < 10 µg/ml | < 10 µg/ml | 60 µg/ml | Pass |
| 4% Acetic acid | At 60°C for 30 minutes | < 10 µg/ml | < 10 µg/ml | 60 µg/ml | Pass |
| • Phenol | At 60°C for 30 minutes | < 0.5 µg/ml | < 0.5 µg/ml | 5 µg/ml | Pass |
| • Formaldehyde | At 60°C for 30 minutes | Negative | Negative | Negative | Pass |
| • Zinc (Zn) | At 60°C for 30 minutes | < 1 µg/ml | < 1 µg/ml | 15 µg/ml | Pass |
| • Heavy metal (as Lead) | At 60°C for 30 minutes | < 1 µg/ml | < 1 µg/ml | 1 µg/ml | Pass |

Remark : µg/g = microgram per gram
µg/ml = microgram per millilitre

Date sample received : Apr 05, 2024
Testing period : Apr 05, 2024 to Apr 23, 2024



TEST REPORT

Number : HKGH03112396

(2) Chemical Properties for Synthetic Resin - Polypropylene

Test method: Specifications and Standards and Testing Methods of “Foodstuffs”, “Implements”, “Containers and Packaging”, “Toys” and “Detergents”, Section III - Apparatus and Containers and Packages, (Notification No. 370 of Ministry of Health, Labour and Welfare, 1959), under the Japan Food Sanitation Law (Law No. 233,1947).

| Component no. | Component description | Location | Material type provided by client |
|---------------|-----------------------|----------|----------------------------------|
| (A) | Black plastic | Lid | PP |

Intended use of product: Temperature ≤ 100°C

| Material type | | Polypropylene (PP) | | |
|---|------------------------|--------------------|-----------|------------|
| Parameter | | Result | Limit | Conclusion |
| | | (A) | | |
| i) General requirement | | | | |
| Elution test | | | | |
| • Consumption of potassium permanganate | | < 4 µg/ml | 10 µg/ml | Pass |
| • Heavy metal (as lead) | | < 1 µg/ml | 1 µg/ml | Pass |
| Material test | | | | |
| • Total cadmium (Cd) | | < 5 µg/g | 100 µg/g | Pass |
| • Total lead (Pb) | | < 5 µg/g | 100 µg/g | Pass |
| ii) Individual requirement | | | | |
| Elution test | | | | |
| • Evaporation residue | Leaching condition | | | |
| n-Heptane | At 25°C for 1 hour | < 10 µg/ml | 150 µg/ml | Pass |
| 20% Ethanol | At 60°C for 30 minutes | < 10 µg/ml | 30 µg/ml | Pass |
| Water | At 60°C for 30 minutes | < 10 µg/ml | 30 µg/ml | Pass |
| 4% Acetic acid | At 60°C for 30 minutes | < 10 µg/ml | 30 µg/ml | Pass |

Remark : µg/ml = microgram per millilitre
µg/g = microgram per gram

Date sample received : Apr 05, 2024
Testing period : Apr 05, 2024 to Apr 23, 2024



TEST REPORT

Number : HKGH03112396

(3) Chemical Properties for Metal to be Used for Manufacture or Repair

Test method: Specifications and Standards and Testing Methods of "Foodstuffs", "Implements", "Containers and Packaging", "Toys" and "Detergents", Section III - Apparatus and Containers and Packages, (Notification No. 370 of Ministry of Health, Labour and Welfare, 1959), under the Japan Food Sanitation Law (Law No. 233,1947).

| | |
|--------------------------|--|
| Tested Component: | |
| (D) | Silver color metal (Cup) (Stainless steel) |

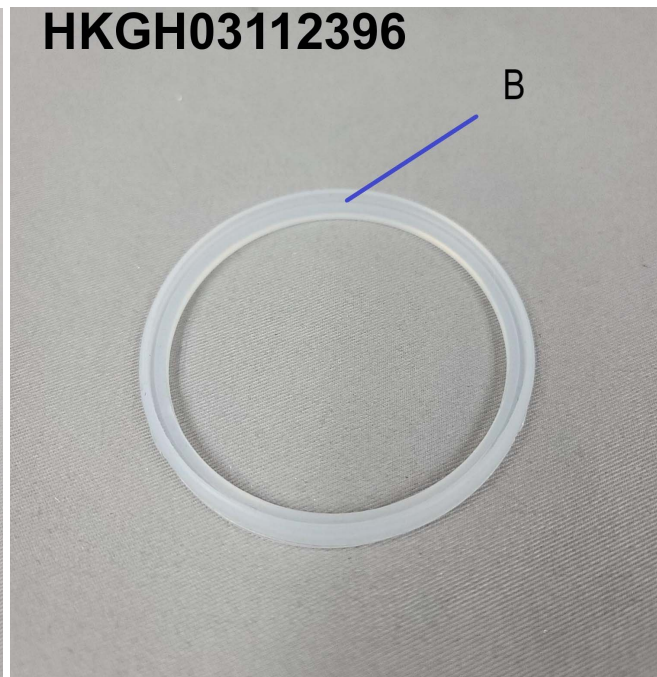
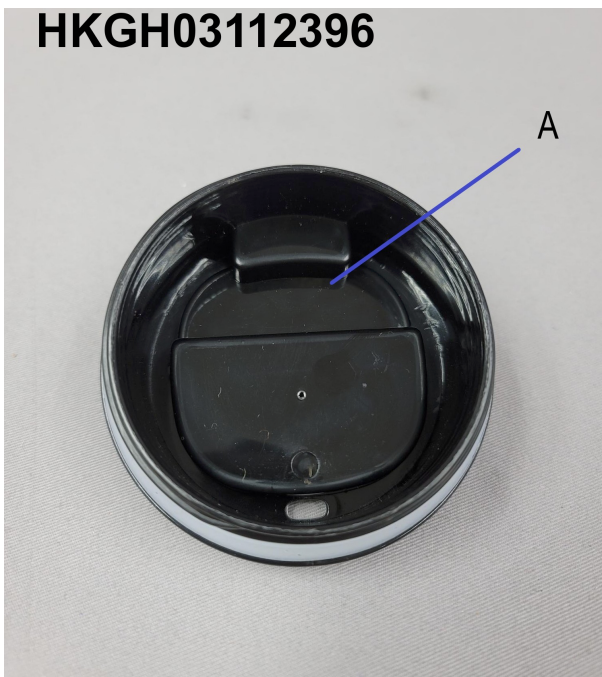
| Material type | Metal | | |
|-------------------------------|---------|-------|------------|
| | Result | Limit | Conclusion |
| Parameter | (D) | | |
| i) General requirement | | | |
| Material test | | | |
| • Total Lead (Pb) | <0.01 % | 0.1 % | Pass |
| • Total Antimony (Sb) | <0.01 % | 5 % | Pass |

Date sample received : Apr 05, 2024
Testing period : Apr 05, 2024 to Apr 19,2024



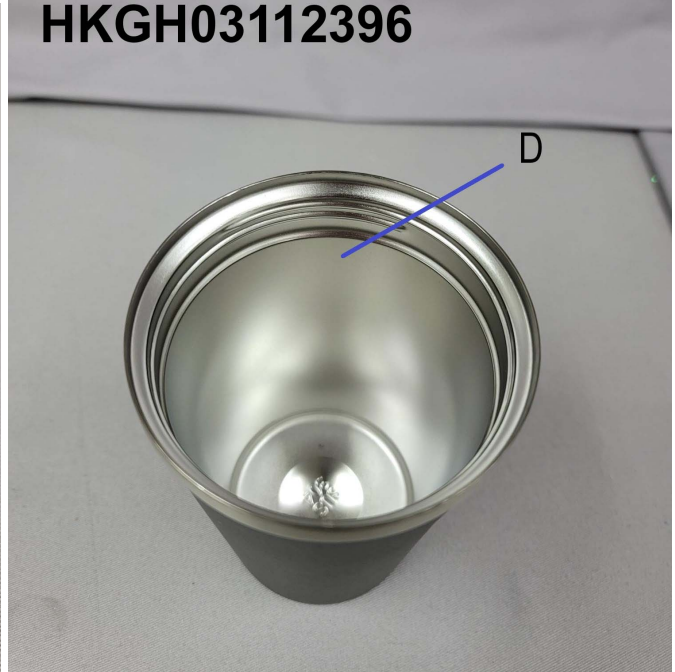
TEST REPORT

Number : HKGH03112396



TEST REPORT

Number : HKGH03112396



End of report

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to and subject to our standard Terms and Conditions which can be obtained at our website: <http://www.intertek.com/terms/>. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Intertek is responsible for all the information provided in the reports, except when information is provided by the Client or when the Client requires the item to be tested acknowledging a deviation from specified conditions that can affect the validity of results.

The observations and test results in this report are relevant to the sample(s) tested and submitted by client. The report is not intended to be a recommendation for any particular course of action, you are responsible for acting as you see fit on the basis of the report results. This report does not discharge or release you from your legal obligations and duties to any other person. Only the Client is authorized to permit copying or distribution of this report and the report shall not be reproduced except in full. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

