



Test Report

No.: T31720181756SC

Date: FEB 10, 2017

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XINDAO B.V.
P.O. BOX 3082, 2280 GB, RIJSWIJK, THE NETHERLANDS

The following samples were submitted and identified on behalf of the client as:

THERMOS MUG

SGS Case No. : CA317201827539
Manufacturer :
Supplier : XINDAO B.V.
Buyer :
Country of Origin : CHINA
Country of Destination : EUROPE
Sample Receiving Date : JAN 17, 2017
Test Performing Date : JAN 17 – 27, 2017

Test Requested : Please refer to the result summary.

Test Method & Results : Please refer to next page(s).

Result Summary :

| Test Requested | Conclusion |
|--|------------|
| 1. European Commission Regulation (EU) No 10/2011 and its amendments. | -- |
| a) Plastic – Overall migration | PASS |
| b) Plastic – Specific Migration of Heavy Metals | PASS |
| 2. Council of Europe Resolution AP (2004) 5. | -- |
| a) Silicone rubber – Overall migration | PASS |

Signed for and on behalf of
SGS Hong Kong Ltd.

Che Wai Leuk, Jerry
Technical Manager

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Test Results :

1. European Commission Regulation (EU) No 10/2011 and its amendments

a) Plastic – Overall migration

Method : With reference to EN 1186-1:2002 for selection of conditions and test methods (3rd migration);
EN 1186-3:2002 aqueous food simulants by total immersion method;
EN 1186-9:2002 aqueous food simulants by article filling method;

| Simulant Used | Test Condition | Result (mg/dm ²) | Reporting Limit (mg/dm ²) | Permissible Limit (mg/dm ²) |
|---------------------------------------|-----------------|---------------------------------|---|---|
| | | 1-2 | | |
| 3% Acetic Acid (W/V) Aqueous Solution | 2 hours at 70°C | ND | 3.0 | 10 |
| 50% Ethanol (V/V) Aqueous Solution | 2 hours at 70°C | ND | 3.0 | 10 |
| Comment | -- | PASS | -- | -- |

Sample Description :

1. Black Plastic (Lid, Body)
2. Black Soft Plastic (Stopper on Flip)

Note : 1. mg/dm² = milligram per square decimeter
2. °C = degree Celsius
3. ND = Not Detected

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Test Results (cont'd) :

b) Plastic – Specific Migration of Heavy Metals

Method: Sample preparation in 3% acetic acid (w/v) in aqueous solution at 70°C for 2 hours with reference to EN 13130-1:2004; followed by analysis using Inductively Coupled Argon Plasma Spectrometry (ICP) (3rd migration).

| Test Item | Result (mg/kg) | Reporting Limit (mg/kg) | Permissible Limit (mg/kg) |
|---------------------------------|----------------|-------------------------|---------------------------|
| | 1-2 | | |
| Specific Migration of Barium | ND | 0.25 | 1 |
| Specific Migration of Cobalt | ND | 0.03 | 0.05 |
| Specific Migration of Copper | ND | 0.25 | 5 |
| Specific Migration of Iron | ND | 0.25 | 48 |
| Specific Migration of Lithium | ND | 0.5 | 0.6 |
| Specific Migration of Manganese | ND | 0.25 | 0.6 |
| Specific Migration of Zinc | ND | 0.5 | 25 |
| Comment | PASS | -- | -- |

Sample Description :

1. Black Plastic (Lid, Body)
2. Black Soft Plastic (Stopper on Flip)

Note : 1. mg/kg = milligram per kilogram of foodstuff in contact with
 2. °C = degree Celsius
 3. ND = Not Detected

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Test Results (cont'd) :

2. Council of Europe Resolution AP (2004) 5

a) Silicone rubber – Overall migration

Method : With reference to EN 1186-1:2002 for selection of conditions and test methods (3rd migration);
EN 1186-3:2002 aqueous food simulants by total immersion method;

| Simulant Used | Test Condition | Result (mg/dm ²) | Reporting Limit (mg/dm ²) | Permissible Limit (mg/dm ²) |
|---------------------------------------|-----------------|---------------------------------|---|---|
| | | 1 | | |
| 3% Acetic Acid (W/V) Aqueous Solution | 2 hours at 70°C | ND | 3.0 | 10 |
| 50% Ethanol (V/V) Aqueous Solution | 2 hours at 70°C | ND | 3.0 | 10 |
| Comment | -- | PASS | -- | -- |

Sample Description :

1. Semi-Transparent Silicone Rubber (Ring)

Note : 1. mg/dm² = milligram per square decimeter
2. °C = degree Celsius
3. ND = Not Detected

Photo Appendix



Sample as received

*** End of Report ***

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