

Test Report No.: T31720181756SC Date: FEB 10, 2017 Page 1 of 4

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/dm²) 1-2	Reporting Limit (mg/dm²)	Permissible Limit (mg/dm²)
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	Permissible Limit
rest item	1-2	(mg/kg)	(mg/kg)
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

Silicone rubber - Overall migration a)

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/dm²) 1	Reporting Limit (mg/dm ²)	Permissible Limit (mg/dm²)
3% Acetic Acid (W/V) Aqueous Solution	2 hours at 70 ℃	ND	3.0	10
50% Ethanol (V/V) Aqueous Solution	2 hours at 70°C	ND	3.0	10
Comment		PASS		

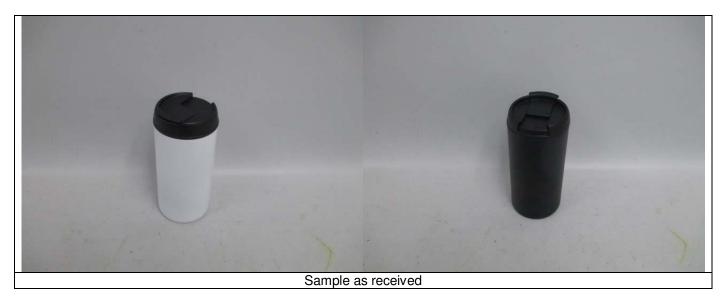
<u>Sample Description</u>:

Semi-Transparent Silicone Rubber (Ring)

Note : 1. $mg/dm^2 = milligram$ per square decimeter 2. $^{\circ}C = degree$ Celsius

3. ND = Not Detected

Photo Appendix



*** End of Report ***

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