

**Test Report**

No.T31820260371SC

Date: AUG 15, 2018

Page 1 of 4

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

PLA COFFEE MUGS

SGS Case No. : CA318202608119
Manufacturer :
Country of Origin : CHINA
Sample Receiving Date : AUG 06, 2018
Test Performing Date : AUG 06 - 15, 2018

Test Requested	Conclusion
1. European Commission Regulation (EU) No 10/2011 and its amendments (Selected parts as specified by client)	--
a) Plastic – Overall migration	PASS
b) Plastic – Specific Migration of Heavy Metals	PASS

***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

Signed for and on behalf of
SGS Hong Kong Ltd.

Che Wai Leuk, Jerry
Technical Manager

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Page 2 of 4

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 1186-9:2002 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		
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. White Plastic (Mug)

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

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Page 3 of 4

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) and Inductively coupled plasma-mass spectrometry (ICP-MS). (3rd migration).

Test Item	Result (mg/kg)	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
	1		
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 Nickel	ND	0.01	0.02
Specific Migration of Zinc	ND	0.5	5
Specific Migration of Aluminum	ND	0.1	1
Comment	PASS	--	--

Sample Description:

1. White Plastic (Mug)

Note : 1. mg/kg = milligram per kilogram of foodstuff in contact with

2. °C = degree Celsius

3. ND = Not Detected

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Page 4 of 4

Sample Photo:



SGS authenticate the photo on original report only

*** End of Report ***

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