



Test Report

No.: T31820190205SC

Date: JAN 30, 2018

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

POLYPROPYLENE TABLEWARE

SGS Case No. : CA318201903229
Manufacturer :
Country of Origin :
Sample Receiving Date : JAN 03, 2018
Test Performing Date : JAN 03 - 22, 2018

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

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 (1st migration);
 EN 1186-9:2002 aqueous food simulants by article filling method;
 EN 1186-8:2002 olive oil 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 100 °C	ND	3.0	10
10% Ethanol (V/V) Aqueous Solution	2 hours at 100 °C	ND	3.0	10
Rectified Olive Oil	1 hour at 121 °C	11.3	3.0	10
Comment	--	PASS	--	--

Sample Description :

1. Semi - Transparent Plastic (Container)

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

Remark :

1. Analytical tolerance of fatty food simulants is 3mg/dm² or 20mg/kg according to EN 1186-1:2002; the tested sample with overall migration result that exceeds the limit by the amount not exceeding the analytical tolerance is deemed as compliance.

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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 100°C for 0.5 hours followed by 40 °C for 10 days with reference to EN 13130-1:2004; followed by analysis using Inductively Coupled Argon Plasma Spectrometry (ICP) (1st 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 Zinc	ND	0.5	5
Specific Migration of Aluminum	ND	0.1	1
Comment	PASS	--	--

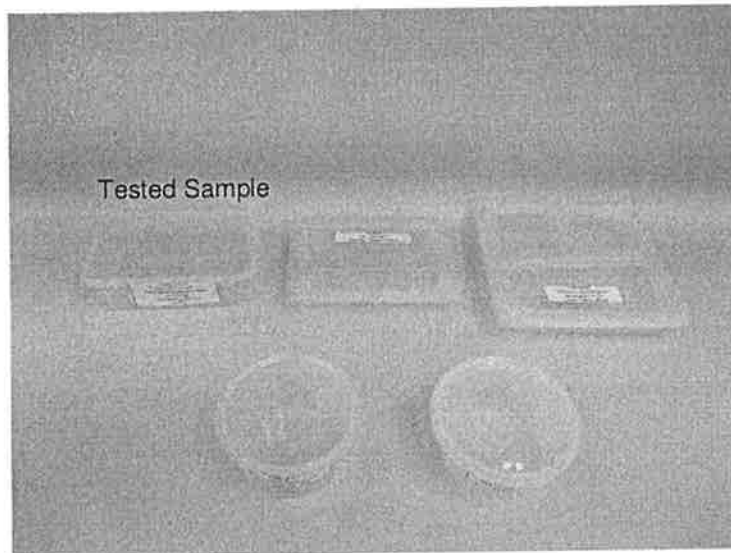
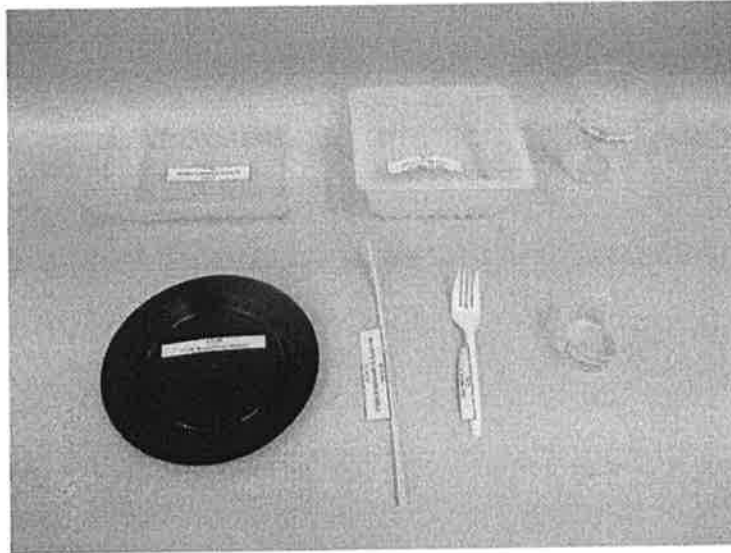
Sample Description :

1. Semi - Transparent Plastic (Container)

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

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*** End of Report ***

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