



## Test Report

No. 2215325/JL

Date : Jul 18 2011

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PALRON FOOD PACKAGING COMPANY  
UNIT 201, 2/F., BLOCK A  
PO LUNG CENTRE, 11 WANG CHIU RD  
KOWLOON BAY,  
KOWLOON  
HONG KONG

The following sample was submitted and identified on behalf of the client as  
PP CLEAR RECTANGLE CONTAINER (INJECTION).

SGS Job No. : 3905618  
Item No. : P1000  
Supplier : PALRON FOOD PACKAGING COMPANY  
Manufacturer : SANFIELD PACKING MATERIALS (SHENZHEN) CO., LTD  
Country of Origin : CHINA  
Country of Destination : HONG KONG  
Sample Receiving Date : JUL 01 2011  
Testing Period : JUL 01 – 12 2011

Test Requested : Please refer to the result summary.

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

Result Summary :

Test Requested	Conclusion
European Commission Regulation (EU) No 10/2011.	--
a) Plastic – Overall migration	PASS
b) Plastic – Phthalates content	PASS
c) Specific Migration of Heavy Metals	PASS

Signed for and on behalf of  
SGS Hong Kong Ltd.

Choi Man Kit, Andy  
Section Manager

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Test Results :

### European Commission Regulation (EU) No 10/2011

a) Plastic – Overall migration

Method : With reference to EN 1186-1:2002 for selection of conditions and test methods;  
 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/kg)	Detection Limit (mg/kg)	Permissible Limit (mg/kg)
		1		
3% Acetic Acid (W/V) Aqueous Solution	0.5 hours at 100 °C	ND	5.0	60
50% Ethanol (V/V) Aqueous Solution	0.5 hours at 100 °C	ND	5.0	60
Rectified Olive Oil	0.5 hours at 121 °C	15.7	5.0	60
<b>Comment</b>	--	PASS	--	--

#### Sample Description :

1. Transparent Plastic

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

#### Remark :

1. Test condition & simulant were specified by client.

b) Phthalates content

Method : With reference to CPSC-CH-C1001-09.3. Analysis was performed by Gas Chromatography – Mass Spectrometry (GC-MS).

Test Item	Result (%)	Detection Limit (%)	Permissible Limit (%)
	1		
Dibutyl Phthalate (DBP)	ND	0.003	0.05
Benzylbutyl Phthalate (BBP)	ND	0.003	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	ND	0.003	0.1
Diisononyl Phthalate (DINP)	ND	0.01	0.1
Diisodecyl Phthalate (DIDP)	ND	0.01	0.1
<b>Comment</b>	PASS	--	--

#### Sample Description :

1. Transparent Plastic

Note : 1. % = percentage of weight by weight  
 2. ND = Not Detected

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Test Results (Cont'd) :

c) Specific Migration of Heavy Metals

Method: Sample preparation in 3% acetic acid (w/v) in aqueous solution at 100°C for 0.5 hours with reference to EN 13130-1:2004; followed by analysis using Inductively Coupled Argon Plasma Spectrometry (ICP).

Test Item	Result (mg/kg)	Detection 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	25
<b>Comment</b>	PASS	--	--

Sample Description :

1. Transparent Plastic

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



\*\*\* End of Report \*\*\*

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