



Test Report

No. 2215323/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 PVC CLEAR HINGE - CONTAINER (THERMOFORMING).

SGS Job No. : 3905601
Item No. : B174-86-87A-TH
Supplier : PALRON FOOD PACKAGING COMPANY
Manufacturer : SANFIELD PACKING MATERIALS (SHENZHEN) CO., LTD
Country of Origin : CHINA
Country of Destination : HONG KONG
Sample Receiving Date : JUN 30, 2011
Testing Period : JUN 30 – JUL 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 :

1) 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 1186-14:2002 substitute test.

Simulant Used	Test Condition	Result (mg/dm ²)	Detection Limit (mg/dm ²)	Permissible Limit (mg/dm ²)
		1		
3% Acetic Acid (W/V) Aqueous Solution	24 hours at 40 °C	ND	3.0	10
50% Ethanol (V/V) Aqueous Solution	24 hours at 40 °C	ND	3.0	10
95% Ethanol	24 hours at 40 °C	ND	3.0	10
Comment	--	PASS	--	--

Sample Description :

1. Transparent Plastic (Container)

 Note : 1. mg/dm² = milligram per square decimeter

2. °C = degree Celsius

3. ND = Not Detected

Remark :

1. Test condition & simulant were specified by client.

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Test Results (Cont'd) :

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
Comment	PASS	--	--

Sample Description :

- Transparent Plastic (Container)

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

c) Specific Migration of Heavy Metals

Method: Sample preparation in 3% acetic acid (w/v) in aqueous solution at 40°C for 24 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
Comment	PASS	--	--

Sample Description :

- 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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