

**Test Report**

Number: SZHH01223570

Applicant: KOOPMAN INTERNATIONAL B.V  
DISTELWEG 88 AMSTERDAM, THE  
NETHERLANDS

Date: Jan 23, 2018

Attn: QUALITY CONTROL

Sample Description:

One (1) group of submitted sample said to be :  
Item Name : **Plates/Bowls.**  
Item No. : **D22100410, D22100420, D22100430, D22100440, D22100500, D22100520.**  
Material : Wood.  
Date Sample Received : Jan 17, 2018.



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Tests conducted:

As requested by the applicant, refer to attached page(s) for details.

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To be continued

Authorized by:  
For Intertek Testing Services  
Shenzhen Ltd.

Ben N.L. Lin  
General Manager

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Page 1 of 4



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Conclusion:

<u>Tested Samples</u>	<u>Client's requirement on</u>	<u>Result</u>
Tested components of submitted samples	----Sensory test	Pass
	----Pentachlorophenol (PCP) content on wood	Pass
	----Specific migration of Formaldehyde	Pass
	----Heavy metal content for wood	Pass

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Ben N.L. Lin  
General Manager



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### Tests Conducted

#### 1 Sensory Evaluation

With reference to DIN 10955:2004.

##### Test Procedure:

Sample was cleaned according to the product's instruction manual or in the absence of such manual, with water. Food simulant was filled in the sample under below mentioned time and temperature. Odour and off-flavour was evaluated with 6 panelists using control sample of food simulant.

##### I. Test condition:

Grated milk chocolate 70°C 2hours

##### II. Result:

Test Item	Result	Limit
	(1)	
Intensity of odour	0	2.5
Intensity of off- flavour	0	2.5

Intensity Scale: 0 = No discernible deviation  
1 = Barely discernible deviation  
2 = Weak deviation  
3 = Clear deviation  
4 = Strong deviation

Tested component: (1) Beige/brown wood (plate).

#### 2 Pentachlorophenol (PCP) Content

Solvent extraction followed by Gas Chromatography Mass Spectrometric (GC/MS) analysis

Tested component of submitted sample	Result (mg/kg)	Report Limit (mg/kg)	Limit (mg/kg)
(1)	ND	0.10	0.10

ND = Not detected

Tested component: (1) Beige/brown wood (plate).

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#### 3 Specific Migration of Formaldehyde

With reference to Commission Regulation (EU) No. 10/2011 and JRC Technical Guidelines EUR 24815 EN 2011 by total immersion.

##### I. Test condition :

Tested component	Food simulant	Time (hour)	Temperature(°C)
(1)	3% (w/v) Acetic acid	2	70

##### II. Test result :

Food simulant	Result(mg/kg)	Reporting Limit (mg/kg)	Limit (mg/kg)
	(1)		
3% (w/v) Acetic acid	ND	5	15

ND = Not detected(less than reporting limit)

Remark: Ratio of food contact surface area to volume used for the testing : 1dm<sup>2</sup> : 100ml

Tested components: (1) Beige/brown wood (plate).

#### 4 Heavy Metal Content for Wood

With reference to EN 1122:2001 and ISO 11885:2007.

Element	Result (ppm)	Reporting Limit (ppm)	Limit (ppm)
	(1)		
Cadmium (Cd)	ND	10	1000
Lead (Pb)	ND	10	100
Mercury (Hg)	ND	5	10
Chromium (Cr)	ND	5	10
Arsenic (As)	ND	5	10

ppm = parts per million = mg/kg

ND = Not detected

Tested component: (1) Beige/brown wood (plate).

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End of report

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