

The following sample(s) was/were submitted and identified on behalf of the clients as : KRAFT PAPER

SGS Job No. : SHHL1606030908CW - SH
 Date of Sample Received : 06 Jun 2016
 Testing Period : 06 Jun 2016 - 27 Jun 2016
 Test Requested : Selected test(s) as requested by client.
 Test Method : Please refer to next page(s).
 Test Results : Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
Migration of colorants	PASS
Preserving effect	PASS
Specific migration of benzophenone	PASS
Specific migration of 4-methylbenzophenone	PASS
Extractable Heavy Metals	PASS
Pentachlorophenol (PCP)	PASS

Signed for and on behalf of
 SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.



Serena Wang
 Approved Signatory

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	SHA16-122198.001	Brown paper	Paper

Remarks :

- (1) mg/dm² = milligram per square decimeter
- (2) mg/kg = milligram per kilogram
- (3) °C= degree Celsius
- (4) < = less than
- (5) MDL = Method Detection Limit
- (6) ND = Not Detected (< MDL)

Migration of colorants

Test Requested : In accordance with Council of Europe Resolution AP (2002)1, to determine migration of colorants.

Test Method : With reference to EN 646:2006.

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 001</u>	<u>Conclusion</u>
Rectified olive oil	24 hr	23±2°C	Grade5	Grade 5	PASS

Notes :

- (1) Grey Scale Rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good.

Preserving effect

Test Requested : In accordance with Council of Europe Resolution AP (2002)1, to determine preserving effect.

Test Method : With reference to EN 1104:2005.

<u>Test Item(s)</u>	<u>Limit</u>	<u>001</u>
Bacillus subtilis ATCC No. 6633	★	Absent
Aspergillus niger ATCC No.6275	★	Absent
Conclusion		PASS

Notes :



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(1) ★ = Absence of zone inhibition

(2) Absent denotes absence of Antimicrobial constituents which inhibits the growth of tested bacteria and fungus

Specific migration of benzophenone

Test Requested : In accordance with Council of Europe Resolution AP (2002)1, to determine specific migration of benzophenone.

Test Method : With reference to EN 13130-1: 2004, analysis was performed by GC-MS.

Sample 001

Simulant Used : Rectified olive oil

Test Condition : 100 °C 72.0 hr(s)

<u>Test Item(s)</u>	<u>Max. Permissible Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
Migration times	-	-	-	First
Area/volume	-	dm ² /kg	-	6.0
Specific migration of benzophenone	0.6	mg/kg	0.2	ND
Conclusion				PASS

Notes :

(1) Test condition & simulant were specified by client.

Specific migration of 4-methylbenzophenone

Test Requested : In accordance with Council of Europe Resolution AP (2002)1, to determine specific migration of 4-methylbenzophenone.

Test Method : With reference to EN 13130-1: 2004, analysis was performed by GC-MS.

Sample 001

Simulant Used : Rectified olive oil

Test Condition : 100 °C 72.0 hr(s)

<u>Test Item(s)</u>	<u>Max. Permissible Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
Migration times	-	-	-	First
Area/volume	-	dm ² /kg	-	6.0
Specific migration of 4-methylbenzophenone	0.2	mg/kg	0.2	ND



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Conclusion

PASS

Notes :

(1) Test condition & simulant were specified by client.

Extractable Heavy Metals

Test Requested : In accordance with Council of Europe Resolution AP (2002)1, to determine extractable heavy metals.

Test Method : With reference to EN 647:1993 , analysis was performed by ICP-MS.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Extractable Lead	0.003	mg/dm ²	0.002	ND
Extractable Cadmium	0.002	mg/dm ²	0.002	ND
Extractable Mercury	0.002	mg/dm ²	0.002	ND
Conclusion				PASS

Pentachlorophenol (PCP)

Test Requested : In accordance with Council of Europe Resolution AP (2002)1, to determine pentachlorophenol (PCP).

Test Method : With reference to ISO 17070:2006, analysis was performed by GC-ECD and GC-MS.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Pentachlorophenol (PCP)	0.15	mg/kg	0.05	ND
Conclusion				PASS



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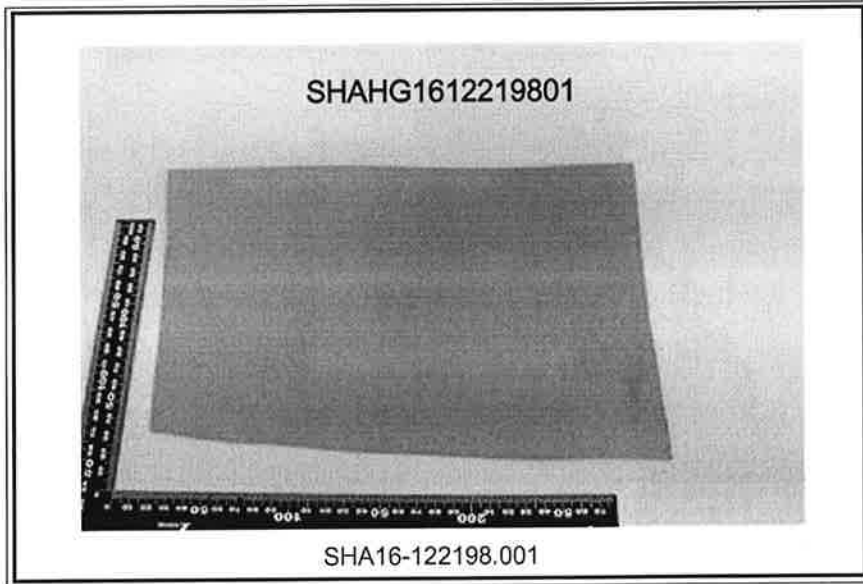
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Sample photo:



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