



Test Report

No: GZFD0121107130FD

Date: 2012-12-10

Client name : GAUNGDONG JOSCO DISPOSABLE PRODUCT LTD.
Client address: No.33 Yongshun Road , Yonghe Economic Zone, GETDD, Guangzhou, PRC

The following sample(s) was/were submitted by/ on behalf of the client as (except SGS reference no. & SGS job no. & Date of receipt & Testing period):

Sample Name: Paper Doyley
Batch No.: /
Production Date: 2012.11.03
Manufacturer: GAUNGDONG JOSCO DISPOSABLE PRODUCT LTD.
SGS reference no.: CANFD1215868001, HKHL1212045434JL
SGS job no.: GZFD0121107130FD
Date of receipt: Nov. 21, 2012
Testing period: Nov. 21, 2012 ~ Dec. 06, 2012

TEST (S) REQUESTED:

Selected test(s) as requested by applicant: Please refer to next page(s).

TEST METHOD(S): Please refer to next page(s).

TEST RESULT(S): Please refer to next page(s).

RESULT SUMMARY:

Table with 2 columns: Test Requested, Conclusion. Rows include Council of Europe Resolution AP (2002) 1 - Extractable heavy metals (PASS), Council of Europe Resolution AP (2002) 1 - Pentachlorophenol (PCP) content (PASS), Council of Europe, Policy Statement Concerning Paper and Board Materials and Articles Intended to Come Into Contact With Foodstuffs, Version 4- 12.02.2009, Technical Document No. 3 and hence Article 3 of European Regulation No. 1935/2004 (-), Paper - Specific Migration of benzophenone (PASS), Paper - Specific Migration of 4-methylbenzophenone (-), Council of Europe Resolution AP (2002) 1 - Migration of optical blueing agents (PASS), Council of Europe Resolution AP (2002) 1 - Preserving effect (PASS).

CONCLUSION:

The tested parameters comply with the requirement stating under Regulation (EC) No1935/2004 of the European Parliament and of the Council of 27 October 2004.

Signed for and on behalf of SGS

Authorized Signature
Winnie Lee



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Test Report

No: GZFDO121107130FD

Date: 2012-12-10

TEST (S) REQUESTED:

- A: As specified by client, to determine Extractable heavy metals from paper used in contact with food for compliance with Council of Europe Resolution AP (2002) 1.
- B: As specified by client, to determine Pentachlorophenol (PCP) content from paper used in contact with food for compliance with Council of Europe Resolution AP (2002) 1.
- C: Council of Europe, Policy Statement Concerning Paper and Board Materials and Articles Intended to Come Into Contact With Foodstuffs, Version 4- 12.02.2009, Technical Document No. 3 and hence Article 3 of European Regulation No. 1935/2004
 - a: Paper – Specific Migration of benzophenone
 - b: Paper – Specific Migration of 4-methylbenzophenone
- D: As specified by client, to determine Migration of optical blueing agents from paper used in contact with food for compliance with Council of Europe Resolution AP (2002) 1.
- E: As specified by client, to determine Preserving effect from paper used in contact with food for compliance with Council of Europe Resolution AP (2002) 1.

TEST METHOD(S):

- A: Sample Preparation with reference to EN645:1993 (cold water extraction), analysis was performed by ICP-MS.
- B: With reference to ISO 17070:2006, analysis was performed by GC-ECD or GC-MS.
- C: Sample preparation with reference to EN 13130-1:2004; followed by analysis using Gas Chromatography- Mass Spectrometry (GC-MS)
- D: With reference to EN 648:2006. Analysis was performed by UV lamp.
- E: With reference to EN 1104:2005 Paper and board intended to come into contact with foodstuffs- Determination of transfer of antimicrobial constituents;

TEST RESULT(S):

A: Council of Europe Resolution AP (2002) 1 –Extractable heavy metals

Test Item	Test Result	Limit	Method Detection Limit
Extractable Lead	Not Detected	0.003 mg/dm ²	0.002 mg/dm ²
Extractable Cadmium	Not Detected	0.002 mg/dm ²	0.002 mg/dm ²
Extractable Mercury	Not Detected	0.002 mg/dm ²	0.002 mg/dm ²

Notes :

mg/dm² =milligram per square decimeter

B: Council of Europe Resolution AP (2002) 1 –Pentachlorophenol (PCP) content

Test Item	Test Result	Limit	Method Detection Limit
Pentachlorophenol (PCP)	Not Detected	0.15 mg/kg	0.05 mg/kg

Notes :

mg/kg = milligram per kilogram

C: Council of Europe, Policy Statement Concerning Paper and Board Materials and Articles Intended to Come Into Contact With Foodstuffs, Version 4-12.02.2009, Technical Document No. 3 and hence Article 3 of European Regulation No. 1935/2004

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a: Paper – Specific Migration of benzophenone

Simulant Used	Test Condition	Permissible Limit	Method Detection Limit	Test Result
Rectified Olive Oil	24 hours at 40°C	0.1 mg/dm ²	0.04 mg/dm ²	Not Detected
Comment	-	-	-	PASS

Note:

1. mg/dm² = milligram per square decimeter
2. Test condition & stimulant were specified by client.

b: Paper – Specific Migration of 4-methylbenzophenone

Simulant Used	Test Condition	Method Detection Limit	Test Result
Rectified Olive Oil	24 hours at 40°C	0.2 mg/kg	Not Detected

Note:

1. mg/kg = milligram per kilogram of foodstuff in contact with
2. Test condition & stimulant were specified by client.

D: Council of Europe Resolution AP (2002) 1 -Migration of optical blueing agents

Simulant Used	Time	Maximum Permissible Limit	Test Result
Rectified Olive Oil	24 hours	Grade 5	Grade 5

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

E: Council of Europe Resolution AP (2002) 1-Preserving effect

Test organisms: *Aspergillus niger* ATCC 6275, *Bacillus subtilis* ATCC 6633

Test Organism	Concentration of Spores (conidia /mL)	Inhibition Zone Area
		After 5 days
<i>Aspergillus niger</i> ATCC 6275	1.1 x 10 ⁵	0 mm

Test Organism	Concentration of Spores (spores /mL)	Inhibition Zone Area
		After 3 days
<i>Bacillus subtilis</i> ATCC 6633	1.0 x 10 ⁴	0 mm

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SAMPLE DESCRIPTION: Sample in bag

Photo Appendix



SGS authenticate the photo on original report only
*** End of Report***