

Test Report

No. SHAHG2021662503

Date: 12 Nov 2020

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WUHAN XINYATAI IMPORT & EXPORT CO., LTD.

NO. 14, XINCHENG ROAD, DONGWU AVENUE, DONGXIHU DISTRICT, WUHAN CITY, HUBEI PROVINCE, CHINA

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

SGS Job No. : SHHL2010550485CW - SH
 Manufacturer : WUHAN XINYATAI TECHNOLOGY CO.,LTD
 Supplier : WUHAN XINYATAI IMPORT & EXPORT CO., LTD.
 Country of Origin : CHINA
 Style No. : 9 INCH
 Client Ref. Information : 5INCH~13INCH
 Date of Sample Received : 30 Oct 2020
 Testing Period : 30 Oct 2020 - 12 Nov 2020
 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
(EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation-Overall migration	PASS
Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004-Sensorial examination odour and taste test	PASS
(EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation -Specific migration of heavy metal	PASS



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 Testing Center - China Head Office

13th Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgs.com.cn
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Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Delores Liu

Delores Liu
Approved Signatory

scan to see the report



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SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
Testing Center - Client's Laboratory

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	SHA20-216625.001	Red paper plate (big)	Paper + PE coating

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)

(EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation-Overall migration

Test Method : With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods;
EN 1186-5:2002 aqueous food simulants by cell method;
EN 1186-14: 2002 substitute test;

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 001 Overall migration</u>	<u>Conclusion</u>
3% Acetic acid (W/V) aqueous solution (First migration)	2.0hr(s)	70°C	10mg/dm ²	<3.0mg/dm ²	PASS
10% Ethanol (V/V) Aqueous Solution (First migration)	2.0hr(s)	70°C	10mg/dm ²	<3.0mg/dm ²	PASS
95% Ethanol (First migration)	2.0hr(s)	60°C	10mg/dm ²	<3.0mg/dm ²	PASS
Isooctane (First migration)	0.5hr(s)	40°C	10mg/dm ²	<3.0mg/dm ²	PASS

Notes :

- (1) Analytical tolerance of aqueous simulants is 2 mg/dm² or 12 mg/kg.
- (2) Analytical tolerance of fatty food simulants is 3 mg/dm² or 20mg/kg.
- (3) Test condition & simulant were specified by client.

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004-Sensorial examination odour and taste test



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Test Method : With reference to DIN 10955: 2004
No. of panelist: 6

<u>Test Item(s)</u>	<u>Limit</u>	<u>001</u>
Test media	-	DW
Test time (hr(s))	-	2
Temperature(°C)	-	70
Sensorial examination odour (Point scale)	2.5	0
Sensorial examination taste (Point scale)	2.5	0
Conclusion		PASS

Notes :

Scale evaluation:

- 0 – no perceptible difference
 - 1 – just perceptible difference
 - 2 – slight difference
 - 3 – marked difference
 - 4 – strong difference
- DW= Distilled water

(EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation -Specific migration of heavy metal

Test Method : With reference to EN13130-1:2004, analysis was performed by ICP-OES and ICP-MS.

Sample 001

Simulant Used : 3% Acetic acid (W/V) aqueous solution
Test Condition : 70 °C 2.0 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
Arsenic(As)	ND	mg/kg	0.01	ND
Cadmium(Cd)	ND	mg/kg	0.002	ND
Chromium(Cr)	ND	mg/kg	0.01	ND
Mercury(Hg)	ND	mg/kg	0.01	ND
Lead(Pb)	ND	mg/kg	0.01	ND
Aluminium(Al)	1	mg/kg	0.1	ND
Barium(Ba)	1	mg/kg	0.25	ND
Cobalt(Co)	0.05	mg/kg	0.01	ND



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Copper(Cu)	5	mg/kg	0.25	ND
Iron(Fe)	48	mg/kg	0.25	ND
Lithium(Li)	0.6	mg/kg	0.1	ND
Manganese(Mn)	0.6	mg/kg	0.1	ND
Zinc(Zn)	5	mg/kg	0.5	ND
Nickel(Ni)	0.02	mg/kg	0.02	ND
Antimony(Sb)	0.04	mg/kg	0.01	ND
Europium (Eu)	-	mg/kg	0.01	ND
Gadolinium(Gd)	-	mg/kg	0.01	ND
Lanthanum(La)	-	mg/kg	0.01	ND
Terbium(Tb)	-	mg/kg	0.01	ND
Europium (Eu)+ Gadolinium(Gd)+ Lanthanum(La)+ Terbium(Tb)	0.05	mg/kg	-	ND

Conclusion

PASS

Notes :

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



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