



Greater China

Choose certainty.
Add value.

Test Report No. 68.431.18.10428.01 R1
Dated 2018-01-30

Applicant: EURO ACCESSOIRES
Address: Z.A.E. Parc de Champagne B.P. 110 07303 TOURNON-SUR-RHONE
Sample Description: SET 12PCS MELAMINE RONDE MILDA /
SET 12PCS MELAMINE CARRE MALTA/
SET 16PCS MELAMINE RONDE PEPSY/
SET 16P MELAMINE CARRE SCANDIC
Model No.: 15938866 /15938868/15938867/15938869
P.O. No.: 2411449
Supplier/Manufacture: Fujian Nan'an Shi Hengsheng Melamine Tableware Co.,Ltd
Buyer: EURO ACCESSOIRES
Country of Origin: CHINA
Exported To: FRANCE
Sample Receive Date: 2017-12-22, 2018-01-08, 2018-01-18 and 2018-01-23
Test Period: From 2017-12-25 to 2018-01-26
Test Requested and Conclusion: As specified by client, to test per the selected requirement(s) for the tested item(s) as stated in Regulation (EC) No.1935/2004

1. For material: Plastics or coating	PASS
- Overall migration test for compliance with Regulation (EU) No. 10/2011 and its amendment Regulation (EU) 2016/1416 for plastic materials and article intended to come into contact with foodstuffs.	
2. For material: Plastics or coating	PASS
- Specific Migration of Primary Aromatic Amine	
3. For material: Plastics or coating	PASS
- Specific migration of Heavy metal(Al, Ba, Co, Cu, Fe, Li, Mn,Zn)	
4. For material: Melamine	PASS
- Specific migration of formaldehyde	
5. For material: Melamine	PASS
- Specific migration of Melamine	

Test Results: Refer to following page(s)

Remark :
- The result relates only to the items tested.
- The test item and sample were specified by the client.
- This report supersedes previous report 68.431.17.10428.01 issued on 2018-01-09.

No extract, abridgment or abstraction from a test report may be published or used to advertise a product without the written consent of the Director of TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch. The results contained herein apply only to the particular sample tested and to the specific test carried out and not to samples of the current production line.

TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park,
Nantou Checkpoint Road 2, Nanshan District,
Shenzhen City, 518052, P.R. China

Tel.: (86) 755 88286998
Fax: (86) 755 88285299



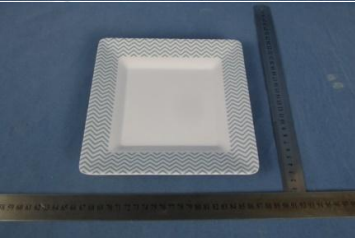
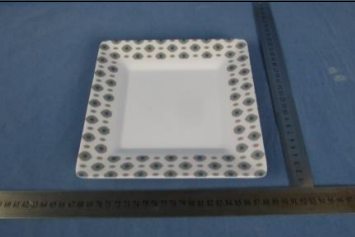



Greater China

Choose certainty.
Add value.

Test Report No. 68.431.18.10428.01 R1
Dated 2018-01-30

1. TESTED SUBJECT DESCRIPTION


SAMPLE NUMBER	TESTED MATERIAL DESCRIPTION	PHOTO
001	White melamine plate with multi-color design	
002	White melamine plate with grey/aqua design	
003	White melamine plate with blue design	
004	White melamine plate with blue/brown design	
005	White melamine mug with multi-color design outside	



Greater China

Choose certainty.
Add value.

Test Report No. 68.431.18.10428.01 R1
Dated 2018-01-30

SAMPLE NUMBER	TESTED MATERIAL DESCRIPTION	PHOTO
006	White melamine bowl with brown/blue design outside	





Greater China

Choose certainty.
Add value.

Test Report No. 68.431.18.10428.01 R1
Dated 2018-01-30

2. TEST RESULT

2.1. OVERALL MIGRATION TEST

Test method: As specified in Regulation (EU) No. 10/2011 ANNEX III and V then test with reference to:

EN 1186-1:2002 (Guide to the selection of conditions and test methods for overall migration)

EN 1186-3:2002 (Total Immersion method)

EN 1186-9:2002 (Article Filling method)

EN 1186-14:2002 (Substitute Test method)

SIMULANT USED	TEST CONDITIONS	RESULT [mg/dm ²]			MAXIMUM PERMISSIBLE LIMIT [mg/dm ²]
		SAMPLE 001	SAMPLE 002	SAMPLE 003	
10% Ethanol	70°C for 2 hours	< 3.0	< 3.0	< 3.0	10
20% Ethanol	70°C for 2 hours	< 3.0	< 3.0	< 3.0	10
3% Acetic Acid	70°C for 2 hours	< 3.0	< 3.0	< 3.0	10
95% Ethanol	60°C for 2 hours	< 3.0	< 3.0	< 3.0	10
Iso-octane	40°C for 0.5 hours	< 3.0	< 3.0	< 3.0	10

SIMULANT USED	TEST CONDITIONS	RESULT [mg/dm ²]			MAXIMUM PERMISSIBLE LIMIT [mg/dm ²]
		SAMPLE 004	SAMPLE 005	SAMPLE 006	
10% Ethanol	70°C for 2 hours	< 3.0	< 3.0	< 3.0	10
20% Ethanol	70°C for 2 hours	< 3.0	< 3.0	< 3.0	10
3% Acetic Acid	70°C for 2 hours	< 3.0	< 3.0	< 3.0	10
95% Ethanol	60°C for 2 hours	< 3.0	< 3.0	< 3.0	10
Iso-octane	40°C for 0.5 hours	< 3.0	< 3.0	< 3.0	10

Note:

- “°C” denotes degree Celsius
- “mg/dm²” denotes milligram per square decimeter
- “<” denotes less than
- The specification was quoted from Regulation (EU) No. 10/2011



Greater China

Choose certainty.
Add value.

Test Report No. 68.431.18.10428.01 R1
Dated 2018-01-30

2.2. SPECIFIC MIGRATION OF PRIMARY AROMATIC AMINE TEST

Test method: With reference to EN 1186-1: 2002, The sample(s) were tested in 3% acetic acid at 70 °C for 2 hours, follow by UV spectrophotometer.

TEST ITEM	RESULT [mg/kg]			MAXIMUM PERMISSIBLE LIMIT [mg/kg]
	SAMPLE 001	SAMPLE 002	SAMPLE 003	
Migration of Primary Aromatic Amine	< 0.01	< 0.01	< 0.01	Not Detected (< 0.01 mg/kg)

TEST ITEM	RESULT [mg/kg]			MAXIMUM PERMISSIBLE LIMIT [mg/kg]
	SAMPLE 004	SAMPLE 005	SAMPLE 006	
Migration of Primary Aromatic Amine	< 0.01	< 0.01	< 0.01	Not Detected (< 0.01 mg/kg)

Note:

- “°C” denotes degree Celsius
- “mg/dm²” denotes milligram per square decimeter
- “<” denotes less than
- The specification was quoted from Regulation (EU) No. 10/2011



Greater China

Choose certainty.
Add value.

Test Report No. 68.431.18.10428.01 R1
Dated 2018-01-30

2.3. SPECIFIC MIGRATION OF HEAVY METAL (AL, BA, CO, CU, FE, LI, MN, ZN)

Test method: As specified in Regulation (EU) No. 10/2011 ANNEX III and V, sample The samples were tested in 3% acetic acid at 70 °C for 2 hours, followed by Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES).

TEST ITEM	RESULT[mg/kg]			MAXIMUM PERMISSIBLE LIMIT [mg/kg]
	SAMPLE 001	SAMPLE 002	SAMPLE 003	
Aluminium (Al)	< 0.1	< 0.1	< 0.1	1
Barium (Ba)	< 0.1	< 0.1	< 0.1	1
Cobalt (Co)	<0.050	<0.050	<0.050	0.05
Copper (Cu)	<0.50	<0.50	<0.50	5
Iron (Fe)	<1.0	<1.0	<1.0	48
Lithium (Li)	<0.10	<0.10	<0.10	0.6
Manganese (Mn)	<0.10	<0.10	<0.10	0.6
Zinc (Zn)	<1.0	<1.0	<1.0	5

Note:

- “<” denotes less than
- “°C” denotes degree Celsius
- “mg/kg” denotes milligram per kilogram
- The specification was quoted from Regulation (EU) No. 10/2011 and its amendment Regulation (EU) 2016/1416



Greater China

Choose certainty.
Add value.

Test Report No. 68.431.18.10428.01 R1
Dated 2018-01-30

(continued)

TEST ITEM	RESULT[mg/kg]			MAXIMUM PERMISSIBLE LIMIT [mg/kg]
	SAMPLE 004	SAMPLE 005	SAMPLE 006	
Aluminium (Al)	< 0.1	< 0.1	< 0.1	1
Barium (Ba)	< 0.1	< 0.1	< 0.1	1
Cobalt (Co)	<0.050	<0.050	<0.050	0.05
Copper (Cu)	<0.50	<0.50	<0.50	5
Iron (Fe)	<1.0	<1.0	<1.0	48
Lithium (Li)	<0.10	<0.10	<0.10	0.6
Manganese (Mn)	<0.10	<0.10	<0.10	0.6
Zinc (Zn)	<1.0	<1.0	<1.0	5

Note:

- “<” denotes less than
- “°C” denotes degree Celsius
- “mg/kg” denotes milligram per kilogram
- The specification was quoted from Regulation (EU) No. 10/2011 and its amendment Regulation (EU) 2016/1416



Greater China

Choose certainty.
Add value.

Test Report No. 68.431.18.10428.01 R1
Dated 2018-01-30

2.4. SPECIFIC MIGRATION OF FORMALDEHYDE TEST

Test method: As specified in Regulation (EU) No. 10/2011 ANNEX III and V, The samples were tested in 3% acetic acid at 70 °C for 2 hours, followed by Ultraviolet-visible spectroscopy (UV-Vis).

TEST ITEM	RESULT [mg/kg]			MAXIMUM PERMISSIBLE LIMIT [mg/kg]
	SAMPLE 001-1	SAMPLE 001-2	SAMPLE 001-3	
Migration of Formaldehyde	8.62	7.26	7.09	15

TEST ITEM	RESULT [mg/kg]			MAXIMUM PERMISSIBLE LIMIT [mg/kg]
	SAMPLE 002-1	SAMPLE 002-2	SAMPLE 002-3	
Migration of Formaldehyde	6.99	6.34	8.24	15

TEST ITEM	RESULT [mg/kg]			MAXIMUM PERMISSIBLE LIMIT [mg/kg]
	SAMPLE 003-1	SAMPLE 003-2	SAMPLE 003-3	
Migration of Formaldehyde	6.15	6.69	5.91	15

Note:

- “C” denotes degree Celsius
- “mg/kg” denotes milligram per kilogram
- “<” denotes less than
- The specification was quoted from Regulation (EU) No. 284/2011



Greater China

Choose certainty.
Add value.

Test Report No. 68.431.18.10428.01 R1
Dated 2018-01-30

(continued)

TEST ITEM	RESULT [mg/kg]			MAXIMUM PERMISSIBLE LIMIT [mg/kg]
	SAMPLE 004-1	SAMPLE 004-2	SAMPLE 004-3	
Migration of Formaldehyde	4.93	5.50	5.19	15

TEST ITEM	RESULT [mg/kg]			MAXIMUM PERMISSIBLE LIMIT [mg/kg]
	SAMPLE 005-1	SAMPLE 005-2	SAMPLE 005-3	
Migration of Formaldehyde	6.31	5.34	3.89	15

TEST ITEM	RESULT [mg/kg]			MAXIMUM PERMISSIBLE LIMIT [mg/kg]
	SAMPLE 006-1	SAMPLE 006-2	SAMPLE 006-3	
Migration of Formaldehyde	1.95	1.83	4.15	15

Note:

- “°C” denotes degree Celsius
- “mg/kg” denotes milligram per kilogram
- “<” denotes less than
- The specification was quoted from Regulation (EU) No. 284/2011



Greater China

Choose certainty.
Add value.

Test Report No. 68.431.18.10428.01 R1
Dated 2018-01-30

2.5. SPECIFIC MIGRATION OF MELAMINE TEST

Test method: As specified in Regulation (EU) No. 10/2011 ANNEX III and V, The samples were tested in 3% acetic acid at 70 °C for 2 hours, followed by Liquid Chromatography/Mass Spectrometry (LC-MS) analysis.

TEST ITEM	RESULT [mg/kg]			MAXIMUM PERMISSIBLE LIMIT [mg/kg]
	SAMPLE 001	SAMPLE 002	SAMPLE 003	
Migration of Melamine	1.1	1.0	0.7	2.5

TEST ITEM	RESULT [mg/kg]			MAXIMUM PERMISSIBLE LIMIT [mg/kg]
	SAMPLE 004	SAMPLE 005	SAMPLE 006	
Migration of Melamine	0.6	1.2	1.1	2.5

Note:

- “°C” denotes degree Celsius
- “mg/kg” denotes milligram per kilogram.
- “<” denotes less than
- The specification was quoted from Regulation (EU) No. 1282/2011

TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch

Prepared by:

Ken Chen
Senior Project Coordinator



Reviewed by:

Brady Yu
Section Manager



Greater China

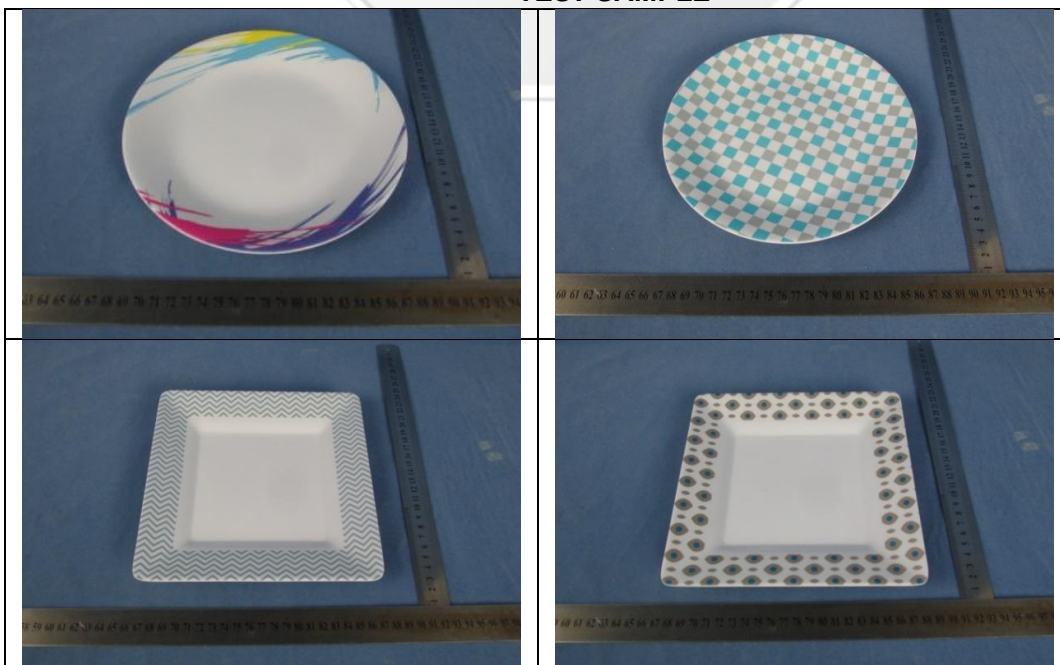
Test Report No. 68.431.18.10428.01 R1
Dated 2018-01-30

Choose certainty.
Add value.

APPENDIX I PHOTO OF SUBMITTED PRODUCT



TEST SAMPLE



TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park,
Nantou Checkpoint Road 2, Nanshan District,
Shenzhen City, 518052, P.R. China

Tel.: (86) 755 88286998
Fax: (86) 755 88285299



Greater China

Choose certainty.
Add value.

Test Report No. 68.431.18.10428.01 R1
Dated 2018-01-30

