



中国认可
国际互认
检测
TESTING
CNAS L7916

TEST REPORT

Report No.: CCI220300200EN-2

Report Date: Apr. 01, 2022

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Applicant : REDFIT LTD
Address : DC3 Blossom Way Hemel Hempstead HP2 4ZB

(The Submitted Sample Said To Be)

Sample Name : 16pcs melamine tableware set
Model/Style No. : S0618
Manufacturer : Xiamen Super Tablewares Co.,Ltd
Manufacturer Address : Room 1201, 3rd building, Xinglin bay operation center, JiMei district, Xiamen 361000
Supplier : Xiamen Super Tablewares Co.,Ltd
Test Period : From Mar. 17, 2022 to Mar. 31, 2022
Tests conducted : As requested by the applicant, for details refer to next page(s).

Signed for and on behalf of
Compliance Control Institute (Guangzhou) Co., Ltd

Approved by:

Pascal SHI/Technical Director

Compliance Control Institute (Guangzhou) Co., Ltd.

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No.	TESTED SAMPLE	STANDARD / REQUIREMENT	CONCLUSION
1	Tested material(s) of submitted sample(s)	S.I. 2019/704 Exiting The European Union Food -- the Materials and Articles in Contact with Food (Amendment) (EU Exit) Regulations 2019 and S.I. 2012/2619 the Materials and Articles in Contact with Food (England) Regulations 2012, Part 6 Requirements for Plastic Materials and Articles - Overall Migration -10% Ethanol - Specific migration of restricted substances - Specific migration of formaldehyde - Specific migration of melamine	PASS
2	Tested material(s) of submitted sample(s)	Client's requirements on Lead (Pb) content and Cadmium (Cd) content	PASS

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TESTS CONDUCTED:

1.1. Overall Migration

Test Method: With reference to EN 1186-1:2002 & EN 1186-3:2002

Simulant Used	Unit	Limit	RL	Test Result			Conclusion
				1 rd	2 rd	3 rd	
Overall Migration - 10% Ethanol (70°C, 2h)	mg/dm ²	10	1	3.4	2.5	2.1	PASS

- Note:**
1. mg/dm² = milligram per square decimeter
 2. N.D. = Not Detected (< RL).
 3. RL = Reporting Limit.

1.2. Specific migration of restricted substances*

Test Method: With reference to EN 13130-1: 2004. and analysis was performed by Inductively Coupled Plasma Mass Spectrometer (ICP-MS) or Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES), Ultraviolet-Visible Spectrometer (UV-Vis)

Test Condition: 3% acetic acid, 70°C, 2h

Test Item	Unit	Limit	RL	Test Result		
				1 rd	2 rd	3 rd
Aluminum (Al)	mg/kg	1	0.05	N.D.	N.D.	N.D.
Manganese (Mn)	mg/kg	0.6	0.05	N.D.	N.D.	N.D.
Iron (Fe)	mg/kg	48	0.05	N.D.	N.D.	N.D.
Cobalt (Co)	mg/kg	0.05	0.01	N.D.	N.D.	N.D.
Copper (Cu)	mg/kg	5	0.05	N.D.	N.D.	N.D.
Zinc (Zn)	mg/kg	5	0.1	N.D.	N.D.	N.D.
Barium (Ba)	mg/kg	1	0.05	N.D.	N.D.	N.D.
Nickel (Ni)	mg/kg	0.02	0.01	N.D.	N.D.	N.D.
Lithium (Li)	mg/kg	0.6	0.02	N.D.	N.D.	N.D.
Ammonium (NH ⁴⁺)	mg/kg	/	0.02	N.D.	N.D.	N.D.
Antimony (Sb)	mg/kg	0.04	0.01	N.D.	N.D.	N.D.
Arsenic (As)	mg/kg	N.D.	0.01	N.D.	N.D.	N.D.
Cadmium (Cd)	mg/kg	N.D.	0.002	N.D.	N.D.	N.D.
Calcium (Ca)	mg/kg	/	0.01	N.D.	N.D.	N.D.

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Test Item	Unit	Limit	RL	Test Result		
				1 st	2 nd	3 rd
Chromium (Cr)	mg/kg	N.D.	0.01	N.D.	N.D.	N.D.
Europium	mg/kg	0.05	0.05	N.D.	N.D.	N.D.
Gadolinium (Gd)	mg/kg	0.05	0.05	N.D.	N.D.	N.D.
Lanthanum	mg/kg	0.05	0.05	N.D.	N.D.	N.D.
Lead (Pb)	mg/kg	N.D.	0.01	N.D.	N.D.	N.D.
Magnesium (Mg)	mg/kg	/	0.01	N.D.	N.D.	N.D.
Mercury (Hg)	mg/kg	N.D.	0.01	N.D.	N.D.	N.D.
Potassium (K)	mg/kg	/	0.01	N.D.	N.D.	N.D.
Sodium (Na)	mg/kg	/	0.01	N.D.	N.D.	N.D.
Terbium	mg/kg	0.05	0.05	N.D.	N.D.	N.D.
Conclusion				PASS	PASS	PASS

Note:

1. mg/kg = milligram per kilogram (ppm).
2. N.D. = Not Detected (< RL).
3. RL = Reporting Limit.
4. Items marked with “*” means they are not accredited by CNAS

1.3. Specific migration of formaldehyde

Test Method: With reference to CEN/TS 13130-23:2005, and the analysis was performed by UV-VIS.

Test Condition: 3% acetic acid, 70°C, 2h

Test Items	Unit	Limit	RL	Test Result		
				1 st	2 nd	3 rd
Formaldehyde	mg/kg	15	5	N.D.	N.D.	N.D.
Conclusion				PASS	PASS	PASS

Note:

1. mg/kg = milligram per kilogram (ppm).
2. N.D. = Not Detected (< RL).
3. RL = Reporting Limit.

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1.4. Specific migration of melamine*

Test Method: CEN/TS 13130-27:2005

Test Condition: 10% Ethanol, 70°C, 2h

Test Items	Unit	Limit	RL	Test Result
				1 rd
Melamine	mg/kg	2.5	0.01	1.16
Conclusion				PASS

Note:

1. mg/kg = milligram per kilogram (ppm).
2. N.D. = Not Detected (< RL).
3. RL = Reporting Limit.
4. Filling method was used and the area-volume ratio (S/V) is 16.4 dm²/L.
5. The migration test result(s) was(were) based on the migration test of the first time
6. Items marked with “*” means they are not accredited by CNAS

2. Lead (Pb) content and Cadmium (Cd) content

Test Method: With reference to ISO 8124-5:2015 and EN 1122:2001, the analysis was performed by ICP-OES

Test item(s)	RL (mg/kg)	Limit (mg/kg)	Test Result (%)	Conclusion
			1	
Lead (Pb)	2	Absent	N.D.	PASS
Cadmium (Cd)	2	Absent	N.D.	PASS

Note:

1. mg/kg = milligram per kilogram (ppm).
2. N.D. = Not Detected (< RL).
3. RL = Reporting Limit.

Test Material(s) List

Material No.	Description
1	White plastic with multicolor coating

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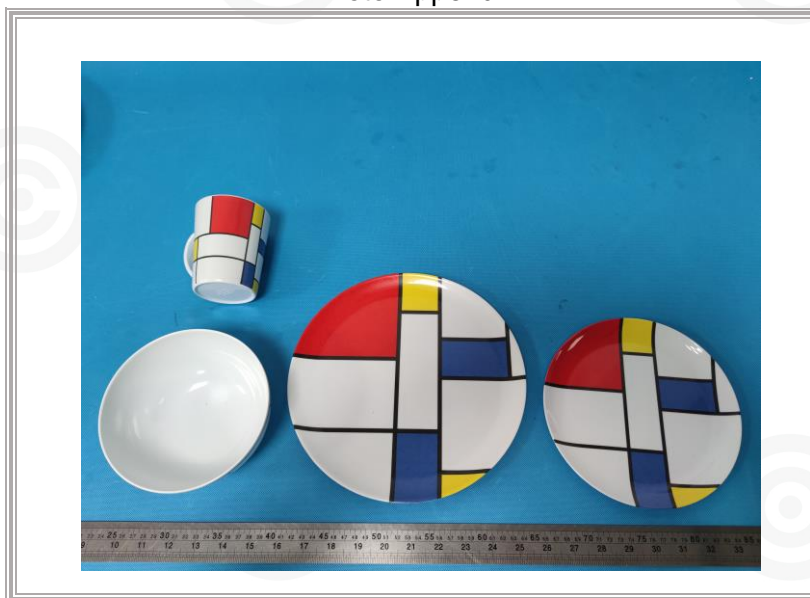
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Photo Appendix



★★★★★The End★★★★★

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