

Test Report

Report No.: CTT2008014052EN

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Applicant: SHENZHEN UAH TECHNOLOGY CO.,LTD

Address: C606,HONGDU BUSINESS BUILDING,BAO' AN DISTRICT,SHENZHEN

Sample Received Date: Aug. 28, 2020

Completed Date: Sep. 17, 2020

Report Date: Sep. 17, 2020

The following merchandise was (were) submitted and identified on behalf of the applicant as:

Sample Name: Geometry Cat Bowl

Model No.: UMLW01

Sample Color: WHITE

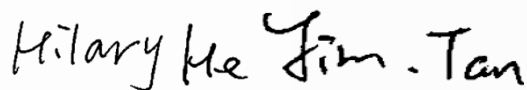
Sample Quantity: 7

Brand: uah

Test Result(s): Please refer to next page(s).

Test Requested and Conclusion(s): Please refer to next page(s).

Signed for and on Behalf of CTT:



Hilary He/Jim Tan

Technical Manager

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Test Requested and Conclusion(s):

No.	Standard and Requirement	Conclusion(s)
1	QB/T 1999-1994 Melamine plastic tableware - Clause 4.1 Appearance - Clause 4.2 Resistance to dry heat - Clause 4.2 Low temperature resistance - Clause 4.2 Humidity and heat resistance - Clause 4.2 Warpage (land) - Clause 4.2 Drop	PASS
2	QB/T 1999-1994 Melamine plastic tableware - Specific migration of melamine - Overall Migration - Sensory requirements - Specific migration of Formaldehyde - Decoloring test - Heavy metal (express as Pb) - Potassium permanganate consumption	PASS

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Test Result(s): Melamine plastic tableware (QB/T 1999-1994)

Test Method: Accordance with standard QB/T 1999-1994

Number of sample(s) tested: 5 pieces

Test results: As below:

Clause	Test Item	Requirement	Test Result	Conclusion
			002	
4.1	Appearance	Tableware should have a smooth surface, and no defects such as lack of material, obvious deformation, color difference, poor plasticization, etc., which affect the appearance and use, are not allowed. Two-color tableware is not allowed to show the substrate. Decal tableware should be aligned with the pattern, clear, and no wrinkles and bubbles on the sticker are allowed.	Meet	PASS
4.2	Physical and mechanical properties			
	Resistance to dry heat	No cracks, no obvious fading	Meet	PASS
	Low temperature resistance	No cracks	Meet	PASS
	Humidity and heat resistance	No cracks, no obvious whitening	Meet	PASS
	Warpage (land)	≤0.45mm	Meet	PASS
	Drop	No breakage	Meet	PASS

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Test Result(s):

Specific migration of melamine - QB/T 1999-1994 Melamine plastic tableware

Method: GB 31604.15-2016, analyzed by High performance liquid chromatography (HPLC) .

Material No.	Test Condition	Reporting Limit (mg/kg)	Limit (mg/kg)	Result (mg/kg)	Conclusion
001	4% Acetic acid(v/v) ,70℃ ,2h	1.0	2.5	N.D.	PASS

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than Reporting Limit).

Test Result(s):

Overall Migration - QB/T 1999-1994 Melamine plastic tableware

Method: GB 31604.8-2016

Material No.	Test Condition	Reporting Limit (mg/dm ²)	Limit (mg/dm ²)	Result (mg/dm ²)	Conclusion
001	Distilled water ,70℃ ,2h	3	10	N.D.	PASS

- NOTE:**
1. mg/dm²= milligram per square decimeter.
 2. N.D. = Not Detected (Less than Reporting Limit).

Test Result(s):

Sensory requirements - QB/T 1999-1994 Melamine plastic tableware

Method: GB 4806.7-2016

Material No.	Test Item	Requirement	Result	Conclusion
001	Sensorial	Color of outlook is normal, no foreign smell, no foreign matter.	Color of outlook is normal, no foreign smell, no foreign matter.	PASS
	Soak solution	Migration of solution should clear, no bad smell, no foreign smell	Migration of solution clear, no bad smell, no foreign smell	PASS

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Test Result(s):

Specific migration of Formaldehyde - QB/T 1999-1994 Melamine plastic tableware

Method: GB 31604.48-2016, analyzed by UV Spectrophotometer (UV) .

Material No.	Test Condition	Reporting Limit (mg/kg)	Limit (mg/kg)	Result (mg/kg)	Conclusion
001	4% Acetic acid(v/v) ,70℃ ,2h	1	15	N.D.	PASS

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than Reporting Limit).

Test Result(s):

Decoloring test - QB/T 1999-1994 Melamine plastic tableware

Method: GB 31604.7-2016

Material No.	Test Item	Requirement	Result	Conclusion
001	Wipe - ethanol	Negative	Negative	PASS
	Wipe - vegetable oil	Negative	Negative	PASS
	Soaking solution	Negative	Negative	PASS

Test Result(s):

Heavy metal (express as Pb) - QB/T 1999-1994 Melamine plastic tableware

Method: GB 31604.9-2016

Material No.	Test Item	Reporting Limit (mg/kg)	Limit (mg/kg)	Result (mg/kg)	Conclusion
001	Heavy metal (express as Pb)	1	1	N.D.	PASS

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than Reporting Limit).

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Test Result(s):

Potassium permanganate consumption - QB/T 1999-1994 Melamine plastic tableware

Method: GB 31604.2-2016

Material No.	Test Item	Reporting Limit (mg/kg)	Limit (mg/kg)	Result (mg/kg)	Conclusion
001	Potassium permanganate consumption	1	10	N.D.	PASS

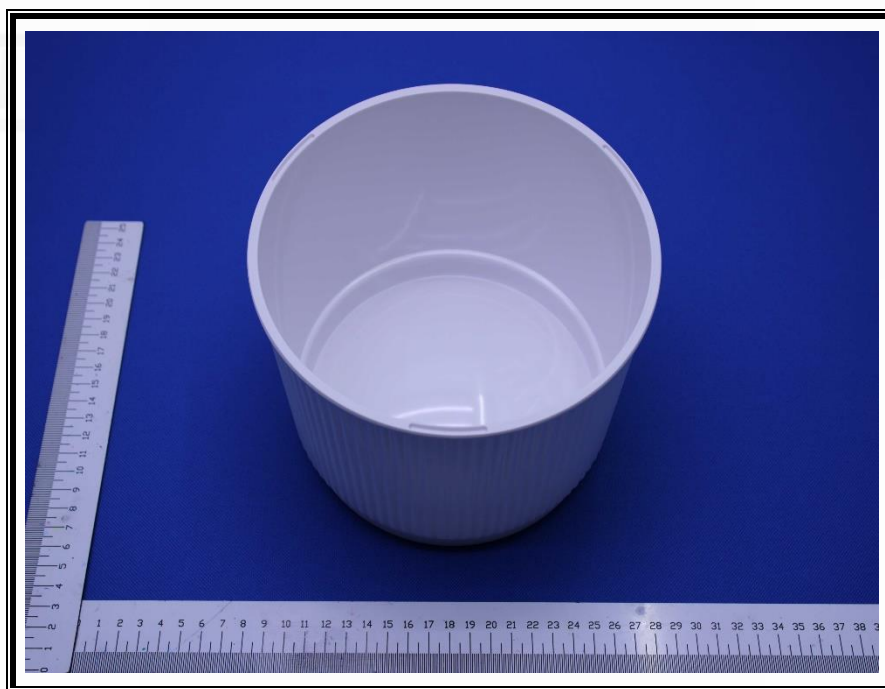
NOTE:

1. mg/kg = milligram per kilogram (ppm).
2. N.D. = Not Detected (Less than Reporting Limit).

Test Material List

Material No.	Sample Description	Location
001	White plastic	Melamine bowl body
002	White melamine bowl individual	Individual

Photo of Sample:



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Photo of Sample:



End of Report

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