
Test Report

Report No. : AGC05443220929-001

SAMPLE NAME : Ceramic vintage mug
MODEL NAME : MO9243
APPLICANT : MID OCEAN BRANDS B.V
STANDARD(S) : Please refer to the following page(s).
DATE OF ISSUE : Sep.27, 2022

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Applicant : MID OCEAN BRANDS B.V
Address : 7/F, Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon,
Hong Kong.
Test Site : 2,6/F., Building 2, Sanwei Chaxi Industrial Park, Sanwei Community,
Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China

Report on the submitted sample(s) said to be:

Sample Name : Ceramic vintage mug
Model : MO9243
Vendor code : 111049
Country of origin : CHINA
Country of destination : EUROPE
Sample Received Date : Sep.21, 2022
Testing Period : Sep.21, 2022 to Sep.27, 2022

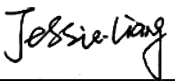
Test Requested:**Conclusion**

- | | |
|--|------|
| 1. As specified by client, the following items are determined in the submitted sample
- Extractable Lead and Cadmium(Lip and Rim Region) | / |
| 2. As specified by client, to determine the Leachable Lead and Cadmium content in
Ceramic Ware with reference to Regulation 1935/2004/EC, No. 84/500/EEC and
2005/31/EC. | Pass |
| 3. As specified by client, to determined for mechanical dishwashing safe test. | / |
| 4. As specified by client, to determined for microwave test. | / |

Approved by: 

Qinlianzhi, Reed

Laboratory Supervisor

Approved by: 

Liangdan, Jessie.Liang

Technical Director

Report Revise Record

Report Version	Issued Date	Valid Version	Notes
/	Sep.27, 2022	Valid	Initial release

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Test Result(s):
1. Test Result of Extractable Lead and Cadmium (Lip and Rim Region)

Test Item	Extractable Lead	Extractable Cadmium
MDL(mg/L)	0.1	0.01
Test Condition	4% Acetic acid, 22°C, 24h	
Test Method/ Instrument	EN1338-1:1996/ ICP-OES	

Test point		Test result (mg/L)	
		Extractable Lead	Extractable Cadmium
1-1	A	N.D.	N.D.
	B	N.D.	N.D.
	C	N.D.	N.D.
	D	N.D.	N.D.
1-2	A	N.D.	N.D.
	B	N.D.	N.D.
	C	N.D.	N.D.
	D	N.D.	N.D.

Note: Results shown above are testing data of four groups.

2. Test Result of Leachable Lead and Cadmium

Test Item	Leachable Lead	Leachable Cadmium
Limit(mg/L)	4.0	0.3
MDL (mg/L)	0.1	0.01
Test Condition	4% Acetic acid, 22°C, 24h	
Test Method/ Instrument	EN 1388-1:1996/ ICP-OES	

Test point	Test result (mg/L)		Conclusion
	Leachable Lead	Leachable Cadmium	
1-3	N.D.	N.D.	Conformity

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3. Test Result of mechanical dishwashing safe test:**Sample: Ceramic vintage mug (Grey)**

Test method: AGC in-house method (reference to BS EN 12875-1:2005)

Washing temperature: 60°C

Number of cycle: Ten (10) cycles

Number of tested sample: 1 pc(s).Number of control sample: 1 pc(s).

For all tested ceramic articles:

- 1) No visible change of color and gloss was found on the tested samples after wash.
- 2) No visible deposit or iridescent layer was found on the tested samples after wash.
- 3) No cracking was found on the tested samples after wash.
- 4) No decoration was detached after wash.

Sample: Ceramic vintage mug (Blue)

Test method: AGC in-house method (reference to BS EN 12875-1:2005)

Washing temperature: 60°C

Number of cycle: Ten (10) cycles

Number of tested sample: 1 pc(s).Number of control sample: 1 pc(s).

For all tested ceramic articles:

- 1) No visible change of color and gloss was found on the tested samples after wash.
- 2) No visible deposit or iridescent layer was found on the tested samples after wash.
- 3) No cracking was found on the tested samples after wash.
- 4) No decoration was detached after wash.

4. Test Result of microwave test:
Sample: Ceramic vintage mug (Grey)

Test method: Refer to EN 15284-2007

Microwave power out: 533W

Short period: 135 s

Long period: 878 s

 Number of tested sample: 2 pc(s).

 Number of control sample: 1 pc(s).

Specimen(s)	Maximum handle temperature after short period of heating	Maximum surface temperature after long period of heating
1	42.7°C	73.1°C
2	38.2°C	76.7°C
3	/	/

For all tested ceramic articles:

- 1) No visible change of color was found on the tested samples after test.
- 2) No visible cracking, crazing, scaling was found on the tested samples after test.

Sample: Ceramic vintage mug (Blue)

Test method: Refer to EN 15284-2007

Microwave power out: 533W

Short period: 135 s

Long period: 878 s

 Number of tested sample: 2 pc(s).

 Number of control sample: 1 pc(s).

Specimen(s)	Maximum handle temperature after short period of heating	Maximum surface temperature after long period of heating
1	40.2°C	85.0°C
2	39.5°C	95.1°C
3	/	/

For all tested ceramic articles:

- 1) No visible change of color was found on the tested samples after test.
- 2) No visible cracking, crazing, scaling was found on the tested samples after test.

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Test Point Description

Test point	Test point description
1-1	Grey rim
1-2	Blue rim
1-3	White inner ceramic

The photo of the sample**AGC05443220929-001**

AGC authenticate the photo only on original report

*** End of Report ***

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