

# **Test Report**

Report No. : AGC05443221016-001

**SAMPLE NAME**: 290 ml two tone ceramic mug

MODEL NAME : MO6840

**APPLICANT**: MID OCEAN BRANDS B.V

**STANDARD(S)**: Please refer to following page(s).

**DATE OF** 

ISSUE : Nov.14, 2022

Attestation of Global Compliance (Shenzhen) Std & Tech Co., Ltd.





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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 : 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 : 290 ml two tone ceramic mug

Model : MO6840

Vendor code : 115649

Country of origin : CHINA

Country of destination : EUROPE

Sample Received Date : Oct.19, 2022

Testing Period : Oct.19, 2022 to Nov.14, 2022

Test Requested: Conclusion

1. 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

2. As specified by client, the following items are determined in the submitted sample

- Extractable Lead and Cadmium(Lip and Rim Region)

,

4. As specified by client, to determined for microwave test.

Approved by: Land

Approved by:

Qinlianzhi, Reed

Liangdan, Jessie.Liang

Laboratory Supervisor

**Technical Director** 



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# Report Revise Record

Report Version	Issued Date	Valid Version	Notes
/	Nov.14, 2022	Valid	Initial release



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# **Test Result:**

#### 1. Test Result(s) of Leachable Lead and Cadmium (NO.84/500/EEC and 2005/31/EC)

Unit: mg/L

	Test Candition/			Result(s)		
Test Item(s)	Test Condition/ Equipment	MDL	4% Acetic acid			Limit
			1-1	1-2	1-3	
Lead (Pb)	EN 1388-1:1996 22°C, 24h/ ICP-OES	0.1	N.D.	N.D.	N.D.	4.0
Cadmium (Cd)		0.01	N.D.	N.D.	N.D.	0.3
Conclusion		/	Conformity	Conformity	Conformity	/

Unit: mg/L

	Test Condition/ Equipment		Result(s)			Limit
Test Item(s)		MDL	4% Acetic acid			
			1-4	1-5	1-6	
Lead (Pb)	EN 1388-1:1996 22°C, 24h/ ICP-OES	0.1	N.D.	N.D.	N.D.	4.0
Cadmium (Cd)		0.01	N.D.	N.D.	N.D.	0.3
Conclusion		/	Conformity	Conformity	Conformity	/

**Note:** -MDL=method detection limit

-N.D.=not detected (less than method detection limit)

#### 2.Test method: EN 1388-1:1996

		Test Result		
Test point		Extractable Lead(Pb)/(mg)	Extractable Cadmium(Cd)/(mg)	
		22℃,24h		
	A	N.D.	N.D.	
1.7	В	N.D.	N.D.	
1-7	С	N.D.	N.D.	
	D	N.D.	N.D.	
I	MDL	0.01	0.001	

### **Note:**

mg = milligram MDL = Method Detection Limit N.D.=Not Detected (less than method detection limit) Results shown above are testing data of four groups.



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#### 4. Test Result of microwave test:

Sample: 290 ml two tone ceramic mug

Test method: BS EN 15284-2007 Microwave power out: 533W

Short period: 135 s Long period: 878 s

Number of tested sample: 3(Three) pc(s). Number of control sample: 3(Three) pc(s).

Specimen(s)	Maximum handle temperature after short period of heating	Maximum surface temperature after long period of heating
1 (Purple)	33.5℃	69.5℃
2 (Blue)	36.5℃	77.7℃
3 (Green)	36.2℃	65.3℃

#### 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: 290 ml two tone ceramic mug

Test method: BS EN 15284-2007 Microwave power out: 533W

Short period: 135 s Long period: 878 s

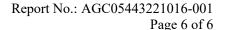
Number of tested sample: 3(Three) pc(s). Number of control sample: 3(Three) pc(s).

Specimen(s)	Maximum handle temperature after short period of heating	Maximum surface temperature after long period of heating
1 (Black)	36.8℃	70.1℃
2 (Red)	34.6℃	68.5℃
3 (White)	40.0℃	80.2℃

#### 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 Description:**

1	290 ml two tone ceramic mug
1-1	Black ceramic cup
1-2	Dark blue ceramic cup
1-3	Blue ceramic cup
1-4	Red ceramic cup
1-5	White ceramic cup
1-6	Green ceramic cup
1-7	Black rim

# The photo of the sample



# AGC05443221016-001

AGC authenticate the photo only on original report

\*\*\* End of Report \*\*\*



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