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# Test Report

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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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Attestation of Global Compliance(Shenzhen)Co., Ltd

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

Tel: +86-755 2523 4088 E-mail: [agc@agccert.com](mailto:agc@agccert.com) Web: <http://www.agccert.com/>

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: 

Qinlianzi, Reed

Laboratory Supervisor

Approved by: 

Liangdan, Jessie.Liang

Technical Director

## Report Revise Record

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

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Tel: +86-755 2523 4088 E-mail: agc@agccert.com Web: <http://www.agccert.com/>

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

Unit: mg/L

Test Item(s)	Test Condition/ Equipment	MDL	Result(s)			Limit
			4% Acetic acid			
			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
<b>Conclusion</b>		/	<b>Conformity</b>	<b>Conformity</b>	<b>Conformity</b>	/

Unit: mg/L

Test Item(s)	Test Condition/ Equipment	MDL	Result(s)			Limit
			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
<b>Conclusion</b>		/	<b>Conformity</b>	<b>Conformity</b>	<b>Conformity</b>	/

**Note:** -MDL=method detection limit  
-N.D.=not detected (less than method detection limit)

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

Test point		Test Result	
		Extractable Lead(Pb)/(mg)	Extractable Cadmium(Cd)/(mg)
		22°C,24h	
1-7	A	N.D.	N.D.
	B	N.D.	N.D.
	C	N.D.	N.D.
	D	N.D.	N.D.
<b>MDL</b>		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°C	69.5°C
2 (Blue)	36.5°C	77.7°C
3 (Green)	36.2°C	65.3°C

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°C	70.1°C
2 (Red)	34.6°C	68.5°C
3 (White)	40.0°C	80.2°C

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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Tel: +86-755 2523 4088 E-mail: agc@agccert.com Web: http://www.agccert.com/



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