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# Test Report

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Report No. : AGC05443240631-001

**SAMPLE NAME** : Ceramic mug with lid  
**MODEL NAME** : CX1492  
**APPLICANT** : MID OCEAN BRANDS B.V  
**STANDARD(S)** : Please refer to the following page(s).  
**DATE OF ISSUE** : Jul. 03, 2024

*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 : 5,6/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 mug with lid  
Model : CX1492  
Vendor code : 111025  
Country of Origin : CHINA  
Country of Destination : EUROPE  
Sample receiving state : Normal  
Sample Received Date : Jun. 25, 2024  
Testing Period : Jun. 25, 2024 to Jul. 03, 2024  
Test Requested : Selected test(s) as requested by client.

**Test Requested:****Conclusion**

Microwave heating resistance test

Pass

Mechanical dishwashing safe test

Pass

Regulation 1935/2004/EC, Council Directive 84/500/EEC and Commission Directive 2005/31/EC,  
DIN 51032 for:


- Leachable Lead and Cadmium

Pass

DM-4B-COM-002-v01 for:

- Extractable Lead and Cadmium

Pass

Approved by: 

Suhongliang, Leon

Technical Director

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## Report Revise Record

Report Version	Issued Date	Valid Version	Notes
/	Jul. 03, 2024	Valid	Initial release

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**The photo of the sample**



The photo of AGC05443240631-001 is for use only with the original report.

**Test Point Description**

Test point	Test point description
1-1	Ceramic cup inside body
1-2	Red ceramic rim with design

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**Test Results:**

Note: N.D.=Not Detected (less than method detection limit), MDL = Method Detection Limit, 1mg/kg=0.0001%

**Microwave heating resistance test**

<b>Test Result of microwave test</b>		
Sample No.:CX1492 Test method: Refer BS EN 15284 :007 Microwave power out: 800 W Short period: 90 s Long period: 585 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	32.7°C	86.9°C
2	33.4°C	84.6°C
For all tested ceramic articles: No visible change of color was found on the tested samples after test. No visible cracking, crazing, scaling was found on the tested samples after test.		

**Mechanical dishwashing safe test**

<b>Test Result of mechanical dishwashing safe test:</b>
Requirements:For dishwasher safe test, if there is no noticeable change in appearance (e.g. color, size and shape) and function, it should be “PASS”
Sample No.:CX1492 Test method: Refer BS EN 12875 -1-2005 Washing temperature: 60°C Number of cycle: 10 cycles Number of tested sample: 2 pc(s). Number of control sample: 1 pc(s).
For all tested ceramic or glass enamel articles: No visible change of color and gloss was found on the tested samples after wash. No visible deposit or iridescent layer was found on the tested samples after wash. No cracking was found on the tested samples after wash. No decoration was detached after wash.

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**Regulation 1935/2004/EC, Council Directive 84/500/EEC and Commission Directive 2005/31/EC, DIN 51032 for:**

**- Leachable Lead and Cadmium**

Test point	Test Result		Conclusion
	Extractable Lead(Pb)/(mg/L)	Extractable Cadmium(Cd)/(mg/L)	
	4% Acetic acid,22°C,24h	4% Acetic acid,22°C,24h	
1-1	N.D.	N.D.	<b>Conformity</b>
<b>Limit</b>	4.0	0.3	/
<b>MDL</b>	0.1	0.01	/

**DM-4B-COM-002-v01 for:**

**- Extractable Lead and Cadmium**

Test point		Test Result		Conclusion
		Extractable Lead(Pb)/(mg)	Extractable Cadmium(Cd)/(mg)	
		4% Acetic acid,22°C,24h	4% Acetic acid,22°C,24h	
1-2	A	N.D.	N.D.	<b>Conformity</b>
	B	N.D.	N.D.	
	C	N.D.	N.D.	
	D	N.D.	N.D.	
<b>Limit</b>		2.0	0.2	/
<b>MDL</b>		0.01	0.001	/

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

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

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