
Test Report

Report No. : AGC05443250216-001S1

SAMPLE NAME : Gradient coloured mug
MODEL NAME : MO2564
APPLICANT : MID OCEAN BRANDS B.V.
STANDARD(S) : Please refer to the following page(s).
DATE OF ISSUE : Mar. 21, 2025

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 : Gradient coloured mug
Model : MO2564
Vendor code : 119344
Country of Origin : CHINA
Country of Destination : EUROPE
Sample receiving state : Normal
Sample Received Date : Feb. 27, 2025
Testing Period : Feb. 27, 2025 to Mar. 21, 2025
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
/	Mar. 06, 2025	Invalid	Initial release
S1	Mar. 21, 2025	Valid	Add testing points

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The photo of the sample



The photo of AGC05443250216-001S1 is for use only with the original report.

Test Point Description

Test point	Test point description
1-1	Gradient coloured mug (Lip & rim)
1-2	Gradient coloured mug (Inner immersion)

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Test Results:

Note: N.D.=Not Detected (less than method detection limit), MDL = Method Detection Limit, 1mg/kg=0.0001%
Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019/CNAS-GL015:2022.

Microwave heating resistance test

Test Result of microwave test		
Sample No.:MO2564 Test method: Refer EN 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	31.2°C	88.9°C
2	31.7°C	89.7°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

Test Result of mechanical dishwashing safe test:	
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.: MO2564 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 Methods and Equipment: EN 1388-1:1996; ICP-OES

Test point	Test Result		Conclusion
	Extractable Lead(Pb)/(mg/L)	Extractable Cadmium(Cd)/(mg/L)	
	4% Acetic acid,22°C,24h		
1-2	N.D.	N.D.	Conformity
Limit	4.0	0.3	/
MDL	0.1	0.01	/

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

- Extractable Lead and Cadmium

Test Methods and Equipment: EN 1388-1:1996; ICP-OES

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

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

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3. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
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5. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
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*** End of Report ***

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