
Test Report

Report No. : AGC05443260306-001S1

SAMPLE NAME : Coloured sublimation mug
MODEL NAME : MO8422
APPLICANT : MID OCEAN BRANDS B.V.
STANDARD(S) : Please refer to the following page(s).
DATE OF ISSUE : Mar. 25, 2026

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Report No.: AGC05443260306-001S1

Applicant : MID OCEAN BRANDS B.V.
Address : Unit 711-716, 7/F., Tower A, 83 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

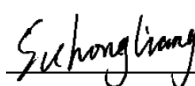
Report on the submitted sample(s) said to be:

Sample Name : Coloured sublimation mug
Model : MO8422
Vendor code : 115649
Country of Origin : CHINA
Country of Destination : EUROPE
Sample receiving state : Normal
Sample Received Date : Mar. 05, 2026 (Test point 1-1, 1-3, 1-4)
Mar. 20, 2026 (Test point 1-2)
Testing Period : Mar. 05, 2026 to Mar. 20, 2026 (Test point 1-1, 1-3, 1-4)
Mar. 20, 2026 to Mar. 25, 2026 (Test point 1-2)
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 - Migration of Lead and Cadmium	Pass
DM-4B-COM-002-v01 - Leachable Lead & Cadmium	Pass

Approved by: 

Suhongliang

Technical Director

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Report Revise Record

Report Version	Issued Date	Valid Version	Notes
/	Mar. 20, 2026	Invalid	Initial release
S1	Mar. 25, 2026	Valid	Add test point

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The photo of the sample



The photo of AGC05443260306-001S1 is for use only with the original report.

Test Point Description

Test point	Test point description
1-1	Inner grey ceramic
1-2	Inner royal blue ceramic
1-3	Inner navy ceramic
1-4	White ceramic rim

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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.:MO8422、1-1、1-3、1-4、1-2

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
1-1 (A)	26.6°C	65.5°C
1-1 (B)	27.0°C	66.8°C
1-3 (A)	27.3°C	64.9°C
1-3 (B)	27.1°C	63.4°C
1-4 (A)	36.3°C	61.3°C
1-4 (B)	34.4°C	62.6°C
1-2 (A)	36.3°C	74.1°C
1-2 (B)	37.4°C	76.2°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.

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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.: MO8422、1-1、1-3、1-4、1-2
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.

Regulation 1935/2004/EC, Council Directive 84/500/EEC

- Migration of Lead and Cadmium

Test Methods and Equipment: EN 1388-1: 1995; ICP-OES

Test Item(s)	Unit	Limit	MDL	Test Result(s)
				1-1
				A
Simulant Used: 4% Acetic acid; Test Condition: 22°C, 24h; Soaking method: Internal soaking				
Lead	mg/L	4.0	0.1	N.D.
Cadmium	mg/L	0.3	0.01	N.D.
Conclusion				Conformity

Test Item(s)	Unit	Limit	MDL	Test Result(s)
				1-3
				A
Simulant Used: 4% Acetic acid; Test Condition: 22°C, 24h; Soaking method: Internal soaking				
Lead	mg/L	4.0	0.1	N.D.
Cadmium	mg/L	0.3	0.01	N.D.
Conclusion				Conformity

Test Item(s)	Unit	Limit	MDL	Test Result(s)
				1-2
				A
Simulant Used: 4% Acetic acid; Test Condition: 22°C, 24h; Soaking method: Internal soaking				
Lead	mg/L	4.0	0.1	N.D.
Cadmium	mg/L	0.3	0.01	N.D.
Conclusion				Conformity

Remark: Results shown above are testing data of one group.

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- Leachable Lead & Cadmium

Test Methods and Equipment: EN 1388-1: 1995; ICP-OES

Test Item(s)	Unit	Limit	MDL	Test Result(s)			
				1-4			
				A	B	C	D
Simulant Used: 4% Acetic acid; Test Condition: 22°C, 24h; Soaking method: Lip & rim							
Lead	mg	2	0.01	N.D.	N.D.	N.D.	N.D.
Cadmium	mg	0.2	0.001	N.D.	N.D.	N.D.	N.D.
Conclusion				Conformity			

Remark: 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.
4. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
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.
6. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.
7. Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
8. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.
9. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

*** End of Report ***

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