
Test Report

Report No. : AGC05443230702-001

SAMPLE NAME : Mug mini plate filter in box
MODEL NAME : CX1443
APPLICANT : MID OCEAN BRANDS B.V
STANDARD(S) : Please refer to the following page(s).
DATE OF ISSUE : Jul. 10, 2023

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



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@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 : Mug mini plate filter in box
Model : CX1443
Vendor code : 111025
Country of Origin : CHINA
Country of Destination : EUROPE
Sample Received Date : Jul. 04, 2023
Testing Period : Jul. 04, 2023 to Jul. 10, 2023

Test Requested:**Conclusion**

-Mechanical dishwashing safe test

Pass

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

Pass

-Leachable Lead and Cadmium

German Food, Articles of Daily Use and Feed Code of September, 2005(LFGB), Section 30 & 31,DIN 51032


Pass

-Leachable Lead and Cadmium

Regulation 1935/2004/EC and Technical Guide on Metals and alloys used in food contact materials of Council of Europe Resolution CM/Res(2013)9

Pass

- Specific migration of Heavy metal

Approved by : 

Liangdan, Jessie.Liang

Technical Director

Report Revise Record

Report Version	Issued Date	Valid Version	Notes
/	Jul. 10, 2023	Valid	Initial release

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

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 Web: <http://www.agccert.com/>

Test Results:

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

-Mechanical dishwashing safe test**Sample 1: Ceramic cup**

Test method: Reference to BS EN 12875 -1-2005

Washing temperature: 60°C

Number of cycle: Ten (10) cycles

Number of tested sample 1 pc(s).

Number of control sample: 1 pc(s).

For all tested ceramic articles:

- 1) No visible change of color and gloss was found on the tested samples after wash.
- 2) No visible deposit or iridescent layer was found on the tested samples after wash.
- 3) No cracking was found on the tested samples after wash.
- 4) No decoration was detached after wash.

Requirement: 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 2: Pentagon ceramic plate

Test method: Reference to BS EN 12875 -1-2005

Washing temperature: 60°C

Number of cycle: Ten (10) cycles

Number of tested sample 1 pc(s).

Number of control sample: 1 pc(s).

For all tested ceramic articles:

- 1) No visible change of color and gloss was found on the tested samples after wash.
- 2) No visible deposit or iridescent layer was found on the tested samples after wash.
- 3) No cracking was found on the tested samples after wash.
- 4) No decoration was detached after wash.

Requirement: 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 3: Metal cylinder

Test method: Reference to BS EN 12875 -1-2005

Washing temperature: 60°C

Number of cycle: Ten (10) cycles

Number of tested sample 1 pc(s).

Number of control sample: 1 pc(s).

For all tested metal articles:

- 1) No visible change of color, gloss and clouding was found on the tested samples after wash.
- 2) No visible deposit or iridescent layer was found on the tested samples after wash.
- 3) No visible swelling, deformation, cracking, crazing or delamination was found on the tested samples after wash.

Requirement: For dishwasher safe test, if there is no noticeable change in appearance (e.g. color, size and shape) and function, it should be “PASS”

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

-Leachable Lead and Cadmium

Test Method: EN 1388-1:1996

Instrument: ICP-OES

Soaking method: inner immersion

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	
1-2	N.D.	N.D.	Conformity
Limit	4.0	0.3	/
MDL	0.1	0.01	/

Test point	Test Result		Conclusion
	Extractable Lead(Pb)/(mg/dm ²)	Extractable Cadmium(Cd)/(mg/dm ²)	
	4% Acetic acid,22°C,24h	4% Acetic acid,22°C,24h	
1-3	0.055	N.D.	Conformity
Limit	0.8	0.07	/
MDL	0.1	0.01	/

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

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 Web: http://www.agccert.com/

German Food, Articles of Daily Use and Feed Code of September, 2005(LFGB), Section 30 & 31,DIN 51032

-Leachable Lead and Cadmium

Test Method: EN 1388-1:1996

Instrument: ICP-OES

Soaking method: Lip and Rim

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	
1-1	A	0.016	N.D.	Conformity
	B	0.018	N.D.	
	C	0.020	N.D.	
	D	0.021	N.D.	
Limit		2	0.2	/
MDL		0.1	0.01	/

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

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

Regulation 1935/2004/EC and Technical Guide on Metals and alloys used in food contact materials of Council of Europe Resolution CM/Res(2013)9
- Specific migration of Heavy metal

Test Item(s)	Test condition/ Equipment	MDL (mg/kg)	Test Result(s) (mg/kg)	Limit (mg/kg)
			1-4	
			1 st + 2 nd extractives	
Barium (Ba)	Artificial tap water, 70°C, 2h, ICP-OES	0.1	N.D.	8.4
Copper (Cu)		0.1	N.D.	28
Iron (Fe)		0.1	N.D.	280
Tin (Sn)		0.1	N.D.	700
Chromium (Cr)		0.01	N.D.	1.75
Manganese (Mn)		0.1	N.D.	12.6
Zinc (Zn)		0.1	N.D.	35
Aluminium (Al)		0.1	N.D.	35
Lithium (Li)		0.01	N.D.	0.336
Beryllium (Be)		0.005	N.D.	0.07
Vanadium (V)		0.005	N.D.	0.07
Nickel (Ni)		0.01	N.D.	0.98
Cobalt (Co)		0.01	N.D.	0.14
Arsenic (As)		0.002	N.D.	0.014
Molybdenum(Mo)		0.01	N.D.	0.84
Silver (Ag)		0.01	N.D.	0.56
Cadmium (Cd)		0.002	N.D.	0.035
Antimony (Sb)		0.01	N.D.	0.28
Mercury (Hg)		0.002	N.D.	0.021
Thallium (Tl)		0.0001	N.D.	0.0007
Lead (Pb)	0.01	N.D.	0.07	
Conclusion		/	Conformity	/

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

Test Item(s)	Test condition/ Equipment	MDL (mg/kg)	Test Result(s) (mg/kg)	Limit (mg/kg)
			1-4	
			3 rd extractives	
Barium (Ba)	Artificial tap water, 70°C, 2h, ICP-OES	0.1	N.D.	1.2
Copper (Cu)		0.1	N.D.	4
Iron (Fe)		0.1	N.D.	40
Tin (Sn)		0.1	N.D.	100
Chromium (Cr)		0.01	N.D.	0.25
Manganese (Mn)		0.1	N.D.	1.8
Zinc (Zn)		0.1	N.D.	5
Aluminium (Al)		0.1	N.D.	5
Lithium (Li)		0.01	N.D.	0.048
Beryllium (Be)		0.005	N.D.	0.01
Vanadium (V)		0.005	N.D.	0.01
Nickel (Ni)		0.01	N.D.	0.14
Cobalt (Co)		0.01	N.D.	0.02
Arsenic (As)		0.002	N.D.	0.002
Molybdenum(Mo)		0.01	N.D.	0.12
Silver (Ag)		0.01	N.D.	0.08
Cadmium (Cd)		0.002	N.D.	0.005
Antimony (Sb)		0.01	N.D.	0.04
Mercury (Hg)		0.002	N.D.	0.003
Thallium (Tl)		0.0001	N.D.	0.0001
Lead (Pb)	0.01	N.D.	0.01	
Conclusion		/	Conformity	/

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

Test Point Description

Test point	Test point description
1-1	Ceramic cup edge
1-2	Inside ceramic cup
1-3	Ceramic Pentagram
1-4	Stainless steel

The photo of the sample



AGC05443230702-001

AGC authenticate the photo only on original report

*** End of Report ***

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

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 Web: http://www.agccert.com/



Conditions of Issuance of Test Reports

1. All samples and goods are accepted by the Attestation of Global Compliance (Shenzhen) Std & Tech Co., Ltd. (the “Company”) solely for testing and reporting in accordance with the following terms and conditions. The company provides its services on the basis that such terms and conditions constitute express agreement between the company and any person, firm or company requesting its services (the “Clients”).
2. Any report issued by Company as a result of this application for testing services (the “Report”) shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to its customer, supplier or other persons directly concerned. The Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.
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.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.