
Test Report

Report No. : AGC05443220440-001

SAMPLE NAME : whiskey glass carafe set
MODEL NAME : MO6626
APPLICANT : MID OCEAN BRANDS B.V
STANDARD(S) : Please refer to the following page(s).
DATE OF ISSUE : May 05, 2022

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 : 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 : whiskey glass carafe set
Model : MO6626
Vendor code : 116689
Country of Origin : CHINA
Country of Destination : EUROPE
Sample Received Date : Apr.21, 2022
Testing Period : Apr.21, 2022 to May 05, 2022


Test Requested:

	Conclusion
1. As specified by client, to determine for mechanical dishwashing safe test.	/
2. As specified by client, to determine the Lead (Pb) content in the submitted sample(s) with reference to entry 63, Annex XVII of the REACH Regulation (EC) No 1907/2006.	Pass
3. As specified by client, to determine the Formaldehyde Release content in the submitted sample(s).	Pass
4. As specified by client, to determine the Leachable Lead and Cadmium content in Glass Ware with reference to Regulation 1935/2004/EC, No. 84/500/EEC and 2005/31/EC.	Pass
5. As specified by client, to determine Specific migration of heavy metal from metal and alloys used in contact with food for compliance with Regulation (EC) No 1935/2004 and Technical Guide on Metals and alloys used in food contact materials of Council of Europe Resolution CM/Res (2013)9.	Pass

Approved by: 

Qinlianzhi, Reed

Laboratory Supervisor

Approved by: 

Liangdan, Jessie.Liang

Technical Director

Report Revise Record

Report Version	Issued Date	Valid Version	Notes
/	May 05, 2022	Valid	Initial release

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Test Result:**1. Test Result of mechanical dishwashing safe test:****Sample: Glasses**

Test method: BS EN 12875-1:2005

Washing temperature: 60°C

Number of cycle: Ten (10) cycles

Number of tested sample: 1 (One) pc(s).

Number of control sample: 1 (One) pc(s).

For all tested glass 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 cloud texture was found on the tested samples after wash.
- 4) No decoration was detached after wash.

Sample: Decanter

Test method: BS EN 12875-1:2005

Washing temperature: 60°C

Number of cycle: Ten (10) cycles

Number of tested sample: 1 (One) pc(s).

Number of control sample: 1 (One) pc(s).

For all tested glass 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 cloud texture was found on the tested samples after wash.
- 4) No decoration was detached after wash.

2. Test Result of Lead(Pb) Content

Test Item	Lead(Pb) (CAS No.: 7439-92-1)
Limit(mg/kg)	<500
MDL(mg/kg)	10
Test Method/ Instrument	IEC 62321-5:2013/ ICP-OES

No.	Test result (mg/kg)	Conclusion
	Lead(Pb)	
1-2	N.D.	Conformity
1-5 [△]	N.D.	Conformity
1-6	N.D.	Conformity
1-7	N.D.	Conformity
1-8	N.D.	Conformity

3. Test Result of Formaldehyde Release

Test Item(s)	Formaldehyde Release
Limit (Client's Requirement) (mg/kg)	80
MDL (mg/kg)	1
Test Method/ Equipment	EN717-3:1996/ UV-Vis

Test point	Test result (mg/kg)	Conclusion
	Formaldehyde Release	
1-5 [△]	N.D.	Conformity
1-8	N.D.	Conformity

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4. Test Result(s) of Leachable Lead and Cadmium (No. 84/500/EEC and 2005/31/EC)

Test Item	Leachable Lead	Leachable Cadmium
Limit(mg/dm ²)	0.8	0.07
MDL (mg/dm ²)	0.1	0.01
Test Condition	4% Acetic acid, 22°C,24h	
Test Method/ Instrument	EN 1388-2:1995/ ICP-OES	

No.	Test result (mg/dm ²)		Conclusion
	Leachable Lead	Leachable Cadmium	
1-1	N.D.	N.D.	Conformity

Test Item	Leachable Lead	Leachable Cadmium
Limit(mg/L)	4.0	0.3
MDL (mg/L)	0.1	0.01
Test Condition	4% Acetic acid, 22°C,24h	
Test Method/ Instrument	EN 1388-2:1995/ ICP-OES	

No.	Test result (mg/L)		Conclusion
	Leachable Lead	Leachable Cadmium	
1-3	N.D.	N.D.	Conformity
1-4	N.D.	N.D.	Conformity

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5. Test Result(s) of Specific migration of heavy metal:

Test Method: With reference to EDQM Technical Guide on Metals and alloys used in food contact materials 2013.

Unit: mg/kg

Test Item(s)	Test condition/ Equipment	MDL	Test Result(s)	Limit
			1 st + 2 nd extractives	
			1-2	
Barium (Ba)	0.5% citric acid, 70°C, 2h ICP-OES	0.1	N.D.	8.4
Copper (Cu)		0.1	N.D.	28
Iron (Fe)		0.1	0.933	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	/

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Test Item(s)	Test condition/ Equipment	MDL	Test Result(s)	Limit
			3 rd extractives	
			1-2	
Barium (Ba)	0.5% citric acid, 70°C, 2h ICP-OES	0.1	N.D.	1.2
Copper (Cu)		0.1	N.D.	4
Iron (Fe)		0.1	0.304	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	/

Note:

mg/kg = milligram per kilogram

 mg/dm² = milligrams per square decimeter

mg/L = milligrams per litre

N.D.=Not Detected (less than method detection limit)

MDL = Method Detection Limit

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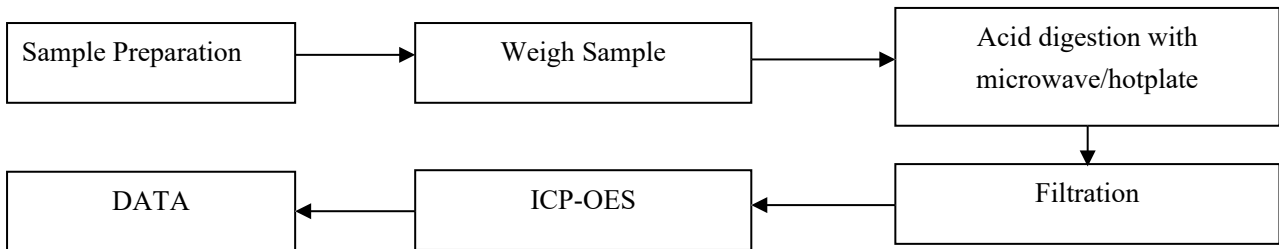
Remark:

- As specified by client, only test the designated sample.
- Δ = As specified by client, the submitted samples were mixed to test.

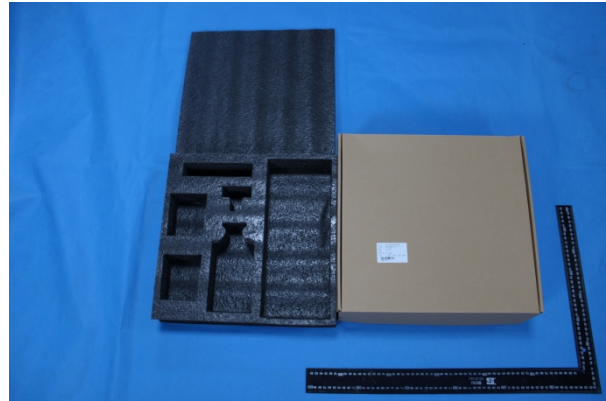
Sample Description:

1-1	Stone cubes
1-2	stainless steel tongs
1-3	Glasses
1-4	Decanter
1-5	Tray for decanter+Tray for stone
1-6	Black sponge
1-7	Rope
1-8	Paper box

Test Flow Chart



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The photo of the sample**AGC05443220440-001**

AGC authenticates the photo only on original report

*** End of Report ***

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