

Test Report

Report No.: CTT2211060349ENR2

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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.
Manufacturer:111021

Sample Received Date: Nov. 07, 2022

Completed Date: Dec. 12, 2022

Report Date: Dec. 13, 2022

The following merchandise was (were) submitted and identified on behalf of the applicant as:

Sample Name: MO6873 and MO6918

Manufacturer: 111021

Buyer: MID OCEAN BRAND B.V.

Country of Origin: China

Test Result(s): Please refer to next page(s).

Test Requested and Conclusion(s):

No.	Standard and Requirement	Conclusion(s)
1	Dishwasher safe test (In House Method).	PASS
2	Annex XVII items 63 of the REACH Regulation (EC) No. 1907/2006 and its amendment - Lead	PASS
3	Annex XVII items 23 of the REACH Regulation (EC) No. 1907/2006 and its amendment - Cadmium	PASS
4	CM/Res(2013)9 on metals and alloys used in food contact materials and articles. - Specific Release of 23 Metals	PASS

Signed for and on Behalf of CTT:

Ramon . Zhong
Technical Manager



Verification Report

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Test Result(s):

Dishwasher safe test (In House Method ^{s,n}).

No. of Cycles:	10 cycles (Sample 9*&11*)
Dishwasher:	Siemens SD6P15
Detergent Brand:	Cascade
Washing condition:	
1. Cycle Time:	~ 90 Minutes.
2. Cycle Water Temperature:	Main Wash ~ 140 °F (60 °C) Rinse ~ 161 °F (72 °C)
3. Location inside dishwasher:	Top rack
Testing Procedure:	1) Visually inspect sample and record any aesthetic defects. 2) Load into the dishwasher and run the wash cycle as per the above condition. 3) Examine from a distance of ~30cm and record any difference as compared with the control sample. 4) Repeat 2) ~ 3) until the required number of cycle is completed.
Test Requirement:	No discoloration, deformation.
Conclusion(s):	PASS

Note: "*" = This sample is received on Dec. 07, 2022.

Lead - Annex XVII items 63 of the REACH Regulation (EC) No. 1907/2006 and its amendment

Method: CPSC-CH-E1001-08.3, analyzed by Atomic Absorption Spectrometer (AAS) .

Substances	Pb	Conclusion
CAS No.	7439-92-1	
Reporting Limit (mg/kg)	10	
Limit (mg/kg)	500	
Material No.	Result (mg/kg)	
1+2+3	16	PASS

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than Reporting Limit).
 3. "+" = The test result is obtained from composite testing on materials linked with "+" mark, it is possible that individual test result can be higher if materials are tested separately. This had been taken in account in the conclusion of this report.

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Test Result(s):

Lead - Annex XVII items 63 of the REACH Regulation (EC) No. 1907/2006 and its amendment

Method: CPSC-CH-E1003-09.1, analyzed by Atomic Absorption Spectrometer (AAS) .

Substances	Pb	Conclusion
CAS No.	7439-92-1	
Reporting Limit (mg/kg)	10	
Limit (mg/kg)	500	
Material No.	Result (mg/kg)	
4+5+6	N.D.	PASS
7+8+10	N.D.	PASS

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than Reporting Limit).
 3. "+" = The test result is obtained from composite testing on materials linked with "+" mark, it is possible that individual test result can be higher if materials are tested separately. This had been taken in account in the conclusion of this report.

Cadmium - Annex XVII items 23 of the REACH Regulation (EC) No. 1907/2006 and its amendment

Method: CPSC-CH-E1001-08.3ⁿ, analyzed by Atomic Absorption Spectrometer (AAS) .

Substances	Cd	Conclusion
CAS No.	7440-43-9	
Reporting Limit (mg/kg)	2	
Limit (mg/kg)	100	
Material No.	Result (mg/kg)	
1+2+3	N.D.	PASS

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than Reporting Limit).
 3. "+" = The test result is obtained from composite testing on materials linked with "+" mark, it is possible that individual test result can be higher if materials are tested separately. This had been taken in account in the conclusion of this report.

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Test Result(s):

Cadmium - Annex XVII items 23 of the REACH Regulation (EC) No. 1907/2006 and its amendment

Method: CPSC-CH-E1003-09.1ⁿ, analyzed by Atomic Absorption Spectrometer (AAS) .

Substances	Cd	Conclusion
CAS No.	7440-43-9	
Reporting Limit (mg/kg)	2	
Limit (mg/kg)	1000	
Material No.	Result (mg/kg)	
4+5+6	N.D.	PASS
7+8+10	N.D.	PASS

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than Reporting Limit).
 3. "+" = The test result is obtained from composite testing on materials linked with "+" mark, it is possible that individual test result can be higher if materials are tested separately. This had been taken in account in the conclusion of this report.

Specific Release of 23 Metals - Council of Europe Resolution CM/Res(2013)9 on metals and alloys used in food contact materials and articles.

Method: EDQM Technical Guide Resolution CM/Res(2013)9ⁿ, analyzed by Inductively coupled plasma mass spectrometry (ICP-MS) .

Material No.	Test Item	Reporting Limit (mg/kg)	Limit (mg/kg)	Result (mg/kg)	Conclusion
1	Aluminum (1st+2nd)	2	35	N.D.	PASS
1	Aluminum (3rd)	1	5	N.D.	PASS
1	Antimony (1st+2nd)	0.02	0.28	N.D.	PASS
1	Antimony (3rd)	0.01	0.04	N.D.	PASS
1	Arsenic (1st+2nd)	0.002	0.014	N.D.	PASS
1	Arsenic (3rd)	0.001	0.002	N.D.	PASS
1	Barium (1st+2nd)	0.2	8.4	N.D.	PASS
1	Barium (3rd)	0.1	1.2	N.D.	PASS
1	Beryllium (1st+2nd)	0.002	0.07	N.D.	PASS
1	Beryllium (3rd)	0.001	0.01	N.D.	PASS
1	Cadmium (1st+2nd)	0.002	0.035	N.D.	PASS
1	Cadmium (3rd)	0.001	0.005	N.D.	PASS
1	Chromium (1st+2nd)	0.100	1.750	N.D.	PASS
1	Chromium (3rd)	0.050	0.250	N.D.	PASS

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1	Cobalt (1st+2nd)	0.002	0.14	N.D.	PASS
1	Cobalt (3rd)	0.001	0.02	N.D.	PASS
1	Copper (1st+2nd)	2	28	N.D.	PASS
1	Copper (3rd)	1	4	N.D.	PASS
1	Iron (1st+2nd)	2	280	N.D.	PASS
1	Iron (3rd)	1	40	N.D.	PASS
1	Lead (1st+2nd)	0.002	0.07	N.D.	PASS
1	Lead (3rd)	0.001	0.01	N.D.	PASS
1	Lithium (1st+2nd)	0.020	0.336	N.D.	PASS
1	Lithium (3rd)	0.010	0.048	N.D.	PASS
1	Magnesium (3rd)	1	--	N.D.	PASS
1	Manganese (1st+2nd)	0.2	12.6	N.D.	PASS
1	Manganese (3rd)	0.1	1.8	N.D.	PASS
1	Mercury (1st+2nd)	0.002	0.021	N.D.	PASS
1	Mercury (3rd)	0.001	0.003	N.D.	PASS
1	Molybdenum (1st+2nd)	0.02	0.84	N.D.	PASS
1	Molybdenum (3rd)	0.01	0.12	N.D.	PASS
1	Nickel (1st+2nd)	0.10	0.98	N.D.	PASS
1	Nickel (3rd)	0.05	0.14	N.D.	PASS
1	Silver (3rd)	0.01	0.08	N.D.	PASS
1	Silver(1st+2nd)	0.02	0.56	N.D.	PASS
1	Thallium (1st+2nd)	0.0002	0.0007	N.D.	PASS
1	Thallium (3rd)	0.0001	0.0001	N.D.	PASS
1	Tin (1st+2nd)	2	700	N.D.	PASS
1	Tin (3rd)	1	100	N.D.	PASS
1	Titanium (1st+2nd)	2	--	N.D.	PASS
1	Vanadium (1st+2nd)	0.002	0.07	N.D.	PASS
1	Vanadium (3rd)	0.001	0.01	N.D.	PASS
1	Zinc (1st+2nd)	2	35	N.D.	PASS
1	Zinc (3rd)	1	5	N.D.	PASS
1	Magnesium (1st+2nd)	2	--	N.D.	PASS
1	Titanium (3rd)	1	--	N.D.	PASS

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than Reporting Limit).
 3. Test condition: 0.5% Citric acid at 70°C for 2 hours and 40°C for 24 hours.

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Test Material List

Material No.	Sample Description	Location
1	Silvery metal (304)	Inner tank
2	Silvery metal (201)	Outer tank
3	Silvery metal (aluminum)	Handle
4	Black paint	Paint
5	White paint	Paint
6	Red paint	Paint
7	Dark blue paint	Paint
8	Dark green paint	Paint
9	Dark blue Cup	Individual
10	White paint	Sublimation white paint
11	White Cup	Sublimation white cup

Remark: This report supersedes CTT2211060349ENR1, which is withdrawn.

Photo of Sample:



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Photo(s) submitted by client:



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End of Report

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