



中国认可
国际互认
检测
TESTING
CNAS L6478



TEST REPORT

Reference No. : WTF19F04025861C

Applicant : Mid Ocean Brands B.V.

Address : 7/F., Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong

Manufacturer : 113133

Sample Name : Foldable water bottle

Model No. : MO8294

Test Requested : In accordance with Regulation (EU) No 10/2011 with amendments (EU) 2016/1416, (EU) 2017/752, (EU)2018/79, (EU)2018/213, (EU)2019/37 and Regulation (EC) No 1935/2004.

Test Conclusion : **Pass** (Please refer to next pages for details)

Date of Receipt sample : 2019-04-25

Date of Test : 2019-04-25 to 2019-05-07

Date of Issue : 2019-05-07

Test Result : Please refer to next page (s)

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.

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**Test Results:****1. Overall Migration Test**

Food Simulant	Test Condition	Result (mg/dm ²)		MDL (mg/dm ²)	Limit (mg/dm ²)
		No.1	No.2		
3% Acetic Acid	70°C for 2 hours	ND	ND	3	10
50% Ethanol	70°C for 2 hours	ND	ND	3	10

Note:

1. Test method: With reference to BS EN 1186-1: 2002, BS EN 1186-3: 2002, BS EN 1186-9: 2002 and BS EN1186-14: 2002.
2. "mg/dm²" = milligram per square decimetre
3. "°C" = Celsius degree
4. MDL= Method Detection Limit
5. ND = Not Detected, less than MDL
6. The specification was quoted from (EU) No 10/2011 and its amendments (EU) 2016/1416, (EU) 2017/752 and (EU)2019/37.

2. Specific Migration of heavy metal (Nickel, Aluminium, Barium, Cobalt, Copper, Iron, Lithium, Manganese, Zinc)

Test Items	Result (mg/kg)		MDL (mg/kg)	Limit (mg/kg)
	No.1	No.2		
Specific migration of Nickel	ND	ND	0.01	0.02
Specific migration of Aluminium	ND	ND	0.1	1
Specific migration of Barium	ND	ND	0.1	1
Specific migration of Cobalt	ND	ND	0.01	0.05
Specific migration of Copper	ND	ND	0.1	5
Specific migration of Iron	ND	ND	0.1	48
Specific migration of Lithium	ND	ND	0.01	0.6
Specific migration of Manganese	ND	ND	0.01	0.6
Specific migration of Zinc	ND	ND	0.1	5

Note:

1. Test Method: With reference to BS EN 13130-1: 2004, sample preparation in 3% acetic acid at 70°C for 2 hours, analysis was performed by ICP-OES.
2. "mg/kg" = milligram per kilogram of foodstuff in contact with
3. MDL= Method Detection Limit
4. ND = Not Detected, less than MDL
5. The specification was quoted from (EU) No 10/2011 and its amendments (EU) 2016/1416 and (EU)2017/752.



3. Specific Migration of Bisphenol A

Test Item	Result (mg/kg)		MDL (mg/kg)	Limit (mg/kg)
	No.1	No.2		
Migration of Bisphenol A	ND	ND	0.01	0.05

Note:


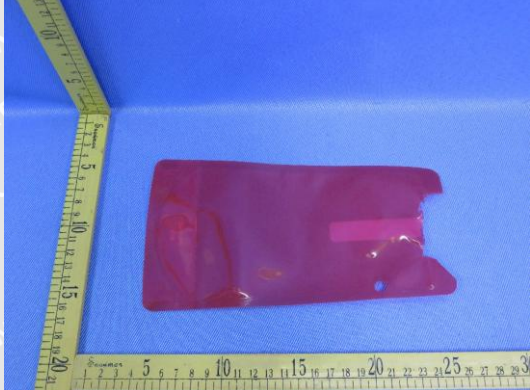
1. Test Method: With reference to CEN/TS 13130-13-2005, sample preparation in 3% acetic acid at 70°C for 2 hours, analysis was performed by LC-MS-MS.
2. "mg/kg" = milligram per kilogram of foodstuff in contact with
3. MDL= Method Detection Limit
4. ND = Not Detected, less than MDL
5. The specification was quoted from regulation (EU) No 10/2011.

Sample Photo:





Photograph of parts tested:

No.	Photo of testing part	Parts Description	Client Claimed Material
1		White plastic	PE
2		Red plastic	PE

===== End of Report =====

WALTEK