



# TEST REPORT

**Reference No.** ..... : WTF21F03024811F  
**Applicant** ..... : Mid Ocean Brands B.V.  
**Address** ..... : 7/F., Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong  
**Manufacturer** ..... : 111999  
**Sample Name** ..... : Ceramic mug with silicone lid  
**Model No.** ..... : MO7683, MO8130, MO8662  
**Test Requested** ..... : In accordance with Council of Europe Resolution AP(2004)5, Council of Europe Resolution 84/500/EC (2005/31/EC) and Regulation (EC) No 1935/2004.  
**Test Conclusion** ..... : **Pass** (Please refer to next pages for details)  
**Date of Receipt sample** .... : 2021-03-25  
**Date of Test** ..... : 2021-03-25 to 2021-04-01  
**Date of Issue** ..... : 2021-04-16  
**Test Result** ..... : Please refer to next page (s)  
**Note** ..... : Selected test(s) as requested by applicant

**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.  
If the report is not stamped with the accreditation recognized seal, it will only be used for scientific research, education, and internal quality control activities, and is not used for the purpose of issuing supporting data to the society.

**Prepared By:**

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Compiled by:

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

Food Simulant	Test Condition	Result (mg/kg)			LOQ (mg/dm <sup>2</sup> )	Limit (mg/dm <sup>2</sup> )
		No.1				
3% Acetic Acid	70°C for 2 hours	ND	ND	ND	3	10
10% Ethanol	70°C for 2 hours	ND	ND	ND	3	10

## Note:

1. Test method: With reference to BS EN 1186-1: 2002 and BS EN 1186-3: 2002
2. "mg/dm<sup>2</sup>" = milligram per square decimetre
3. "°C" = Celsius degree
4. LOQ = Limit of quantitation
4. ND = Not Detected or lower than limit of quantitation
6. The specification was quoted from Council of Europe Resolution AP (2004)5.

**2. Bisphenol A Content\***

Test Item	Result (mg/kg)	LOQ (mg/kg)	Limit (mg/kg)
	No.1		
Bisphenol A	ND	0.1	Not Detected (<0.1mg/kg)

## Note:

1. Test Method: With reference to EPA3550C:2007, analysis was performed by GC-MS.
2. "mg/kg" = milligram per kilogram
3. LOQ = Limit of quantitation
4. ND = Not Detected or lower than limit of quantitation
5. The specification was quoted from Law No 2012-1442.
6. The testing item marked with "\*" does not been accredited by CNAS.

**3. Extractable Lead and Cadmium Content**

Test Items	Result (mg/L)	LOQ (mg/L)	Limit (mg/L)
	No.2		
Extractable Lead	ND	0.1	4.0
Extractable Cadmium	ND	0.01	0.3

## Note:

1. Test method: With reference to BS EN 1388-1: 1996 and BS EN 1388-2: 1996, sample preparation in 4% acetic acid at 22±2°C for 24 hours, analysis was performed by ICP-OES.
2. "mg/L" = milligram per litre
3. LOQ = Limit of quantitation
4. ND = Not Detected, less than limit of quantitation
5. The specification was quoted from 84/500/EC (2005/31/EC).



**Sample photo:**





Photograph of parts tested:

No.	Photo of testing part	Parts Description	Client Claimed Material
1		Black silicone rubber	Silicone rubber
2		White ceramic	Ceramic

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



# TEST REPORT

**Reference No.** ..... : WTF21F07070002A1F  
**Applicant** ..... : Mid Ocean Brands B.V.  
**Address** ..... : 7/F., Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong  
**Manufacturer** ..... : 111999  
**Sample Name** ..... : Silicone lid for tumbler  
**Model No.** ..... : CX1450, MO7683, MO8130, MO8662  
**Test Requested** ..... : In accordance with French Décret n°2007-766 with amendments and Regulation (EC) No 1935/2004.  
**Test Conclusion** ..... : **Pass** (Please refer to next pages for details)  
**Date of Receipt sample** .... : 2021-07-14 & 2021-08-09  
**Date of Test** ..... : 2021-07-14 to 2021-08-17  
**Date of Issue** ..... : 2021-08-17  
**Test Result** ..... : Please refer to next page (s)

**Remarks:**

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

Food Simulant	Test Condition	Result (mg/kg)	LOQ (mg/dm <sup>2</sup> )	Limit (mg/dm <sup>2</sup> )
		No.1		
3% Acetic Acid	70°C for 2 hours	ND	3	10
10% Ethanol	70°C for 2 hours	ND	3	10

## Note:

1. Test method: With reference to EN 1186-1: 2002 and EN 1186-3: 2002
2. "mg/kg" = milligram per kilogram of foodstuff in contact with
3. "°C" = Celsius degree
4. LOQ = Limit of quantitation
5. ND = Not Detected or lower than limit of quantitation
6. The specification was quoted from Council of Europe Resolution AP(2004)5 and French Arrêté du 25 novembre 1992 for Silicone Elastomers.

**2. Peroxide Value Test**

Test Item	Result	Limit
	No.1	
Peroxide Value	Absent	Absent

## Note:

1. Test method: With reference to European Pharmacopeia (2005) ANNEX X F, Clause 2.5.5, method A.
2. The specification was quoted from French Arrêté du 25 novembre 1992 for Silicone Elastomers.
3. Absent = Not detected

**3. Specific Migration of Organotin (as Tin)**

Test Item	Result (mg/kg)	LOQ (mg/kg)	Limit (mg/kg)
	No.1		
Specific Migration of Organotin (as Tin)	ND	0.01	0.1

## 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-MS.
2. "mg/kg" = milligram per kilogram
3. LOQ = Limit of quantitation
4. ND = Not Detected, less than LOQ
5. The specification was quoted from French Arrêté du 25 novembre 1992 for Silicone Elastomers.

**4. Bisphenol A Content**

Test Item	Result (mg/kg)	LOQ (mg/kg)	Limit (mg/kg)
	No.1		
Bisphenol A	ND	0.1	Not Detected (<0.1mg/kg)

Note:

1. Test Method: With reference to EPA3550C:2007, analysis was performed by GC-MS.
2. "mg/kg" = milligram per kilogram
3. LOQ = Limit of quantitation
4. ND = Not Detected or lower than limit of quantitation
5. The specification was quoted from Law No 2012-1442.

**5. Volatile Organic Compounds**

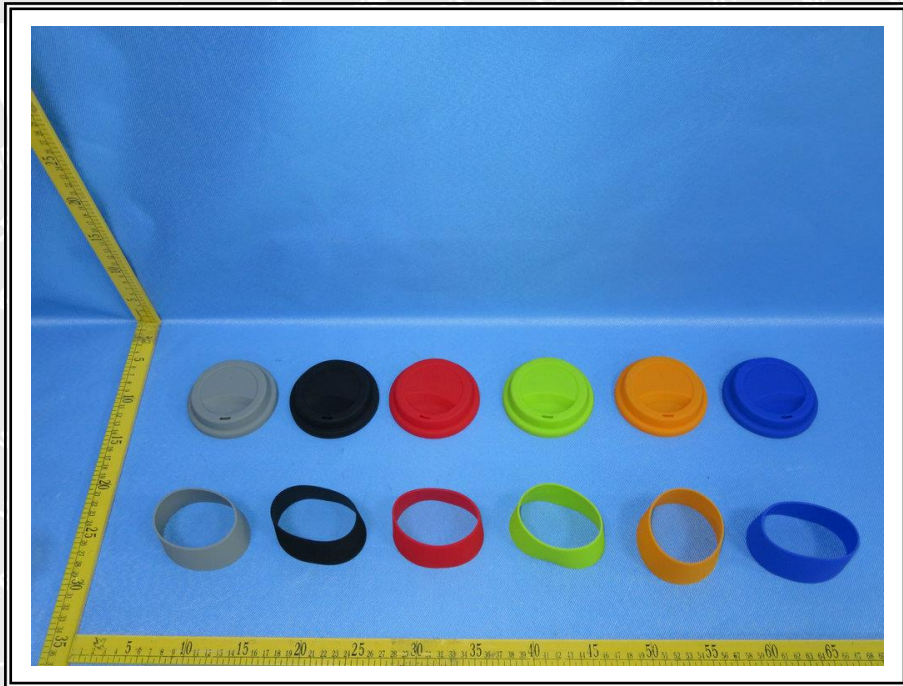
Test Item	Result (%)	LOQ (%)	Limit (%)
	No.2		
Volatile Organic compounds	0.18	0.05	0.5

Note:

1. Test method: With reference to French Arrêté du 25 novembre 1992 Annex III for silicone Elastomers.
2. "%" = percentage by weight
3. LOQ = Limit of quantitation
4. The specification was quoted from French Arrêté du 25 novembre 1992 for Silicone Elastomers.



**Sample Photo:**







Photograph of parts tested:

No.	Photo of testing part	Parts Description	Client Claimed Material
1		Blue silicone rubber	Silicone rubber (Sample received at 2021-07-14)
2		Blue silicone rubber	Silicone rubber (Sample received at 2021-08-09)

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