



# TEST REPORT

**Report No.**..... : WTF23F02010588T  
**Applicant**..... : Mid Ocean Brands B.V.  
**Address**..... : 7/F., Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong  
**Manufacturer** ..... : 113893  
**Sample Name** ..... : 10 mini tissues in packet  
**Sample Model**..... : MO8649  
**Test Requested** ..... : In accordance with Regulation (EU) No 10/2011, Council of Europe Resolution AP(2002)1, Council of Europe Resolution CM/Res(2020)9 and EDQM Technical Guide on Paper and board used in food contact materials and articles, 2021, 1st Edition and Regulation (EC) No 1935/2004.  
**Test Conclusion** ..... : **Pass** (Please refer to next pages for details)  
**Date of Receipt sample** ..... : 2023-02-01  
**Testing period** ..... : 2023-02-01 to 2023-03-10  
**Date of Issue**..... : 2023-03-10  
**Test Result**..... : Refer to next page (s)

**Prepared By:**

**Waltek Testing Group (Foshan) Co., Ltd.**

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Signed for and on behalf of  
Waltek Testing Group (Foshan) Co., Ltd.

*Jessise Liu*

Jessise.Liu



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**Test Results:**

**1. Specific Migration of Formaldehyde<sup>#</sup>**

Test Item	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	No.1		
Migration of Formaldehyde	ND	10	15

Note:

1. Test Method: With reference to EN 645:1993 and BS EN 1541-2001, analysis was performed by UV-visible Spectrometer.
2. "mg/dm<sup>2</sup>" = milligram per square decimetre
3. MDL= Method Detection Limit
4. ND = Not Detected, less than MDL
5. The specification was quoted from Council of Europe Resolution AP (2002)1.
6. The testing item marked with <sup>#</sup> is subcontracted items.

**2. Pentachlorophenol (PCP) Content<sup>#</sup>**

Test Item	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	No.1		
Pentachlorophenol (PCP)	ND	0.10	0.15

Note:

1. Test method: With reference to LFGB § 64 BVL B 82.02.8-2001, analysis was performed by GC-MS.
2. "mg/kg" = milligram per kilogram
3. MDL= Method Detection Limit
4. ND = Not Detected, less than MDL
5. The specification was quoted from Council of Europe Resolution AP(2002)1.
6. The testing item marked with <sup>#</sup> is subcontracted items.

**3. Extractable Lead, Cadmium and Mercury Content**

Test Items	Result (mg/dm <sup>2</sup> )	MDL (mg/dm <sup>2</sup> )	Limit (mg/dm <sup>2</sup> )
	No.1		
Extractable Lead	ND	0.001	0.003
Extractable Cadmium	ND	0.001	0.002
Extractable Mercury	ND	0.001	0.002

Note:

1. Test method: With reference to EN 645:1993, sample preparation in 4% acetic acid at 22±2°C for 24 hours, analysis was performed by ICP-OES.
2. "mg/dm<sup>2</sup>" = milligram per square decimetre
3. MDL= Method Detection Limit
4. ND = Not Detected, less than MDL
5. The specification was quoted from Council of Europe Resolution AP(2002)1.



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#### 4. Fluorescent bluing agents<sup>#</sup>

Simulant Used	Test Condition	Result (Grade)	Limit (Grade)
		No.1	
Rectified olive oil	Procedure C 10 min at (23 ± 2)°C	5	5

Note:

1. Test method: With reference to BS EN 648:2018, analyzed by ultraviolet lamp (365nm).
2. Scale:
  - 5 = negligible or no change or staining
  - 4 = slightly changed or stained;
  - 3 = noticeably changed or stained;
  - 2 = considerably changed or stained;
  - 1 = much changed or stained
3. The specification was quoted from Council of Europe Resolution AP(2002)1.
4. The testing item marked with <sup>#</sup> is subcontracted items.

#### 5. Determination of The Transfer of Antimicrobial Constituents<sup>#</sup>

Test Culture	Result (Grade)	Specification
	No.1	
Aspergillus niger (ATCC 6275)	Absence of inhibition zone	Absence of inhibition zone
Bacillus subtilis (ATCC 6633)	Absence of inhibition zone	Absence of inhibition zone

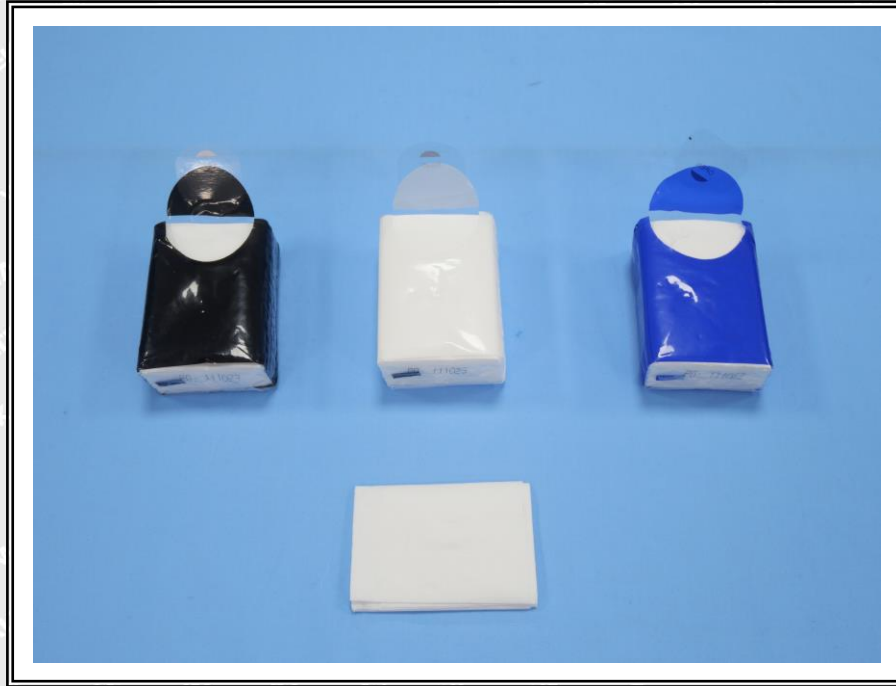
Note:

1. Test method: With reference to BS EN 1104:2018, sample preparation in closed plastic bag.
2. The specification was quoted from Council of Europe Resolution CM/Res(2020)9 and EDQM Technical Guide on Paper and board used in food contact materials and articles, 2021, 1st Edition.
3. The testing item marked with <sup>#</sup> is subcontracted items.



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Sample Photo:



Photograph of parts tested:

No.	Photo of testing part	Parts Description	Client Claimed Material
1		White paper	Paper



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Remarks:

1. The results shown in this test report refer only to the sample(s) tested;
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===== End of Report =====

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TESTING  
CNAS L6478



# TEST REPORT

**Report No.** ..... : WTF23F02010584C

**Applicant** ..... : Mid Ocean Brands B.V.

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

**Manufacturer** ..... : 113893

**Sample Name** ..... : Refer to next page (s)

**Sample Model** ..... : Refer to next page (s)

**Test Requested** ..... : 1) Determination of Lead content in the submitted sample in accordance with REACH regulation Annex XVII Entries 63 (EC) No. 1907/2006 and the amendment No. 836/2012 and (EU) 2015/628  
2) Determination of Cadmium content in the submitted sample in accordance with REACH regulation Annex XVII Entries 23 (EC) No. 1907/2006 and the amendment No. 552/2009, No. 494/2011, No. 835/2012 and (EU) 2016/217  
3) Determination of specified Phthalates content according to Annex XVII Items 51 & 52 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 & No. 2018/2005

**Test Conclusion** ..... : Refer to next page (s)

**Date of Receipt sample** ..... : 2023-02-01

**Testing period** ..... : 2023-02-01 to 2023-02-07

**Date of Issue** ..... : 2023-02-08

**Test Result** ..... : Refer to next page (s)

**Note** ..... : As specified by client, only test the designated sample.

**Prepared By:**

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Signed for and on behalf of  
Waltek Testing Group (Foshan) Co., Ltd.

Swing.Liang

Waltek Testing Group (Foshan) Co., Ltd.  
<http://www.waltek.com.cn>



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Specimen No.	Specimen Description	Sample Name	Sample Model
1	Transparent plastic adhesive sheet	10 mini tissues in packet	MO8649
2	Black transparent plastic bag		
3	Blue transparent plastic bag		
4	White transparent plastic bag		

Sample photo:



1



2



3



4



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**Test Results:**

**1) Lead (Pb)**

Test Method: With reference to IEC 62321-5:2013, the analysis was performed by ICP-OES.

Test Item	LOQ (mg/kg)	Results (mg/kg)		Limit (mg/kg)
		No.1	No.2+No.3+No.4	
Lead(Pb)	2	ND	ND*	500
<b>Conclusion</b>	--	<b>Pass</b>	<b>Pass</b>	--

**Note:**

- (1) mg/kg = milligram per kilogram
- (2) ND = Not Detected (lower than LOQ)
- (3) LOQ = Limit of quantitation
- (4) Limit of Lead was quoted from REACH regulation Annex XVII Item 63 (EC) No. 1907/2006 and the amendment No. 836/2012 and (EU) 2015/628.
- (5) "\*" = Results are calculated by the minimum weight of mixed components.

**2) Cadmium (Cd)**

Test Method: With reference to IEC 62321-5:2013, the analysis was performed by ICP-OES.

Test Item	LOQ (mg/kg)	Results (mg/kg)	
		No.1	No.2+No.3+No.4
Cadmium(Cd)	2	ND	ND*
<b>Conclusion</b>	--	<b>Pass</b>	<b>Pass</b>

**Note:**

- (1) mg/kg = milligram per kilogram
- (2) ND = Not Detected (lower than LOQ)
- (3) LOQ = Limit of quantitation
- (4) Limit of Cadmium according to REACH regulation Annex XVII Item 23 (EC) No. 1907/2006 and the amendment No. 552/2009, No. 494/2011 and No. 835/2012 and (EU) 2016/217.

Category	Limit (mg/kg)
Wet paint	100
Surface coating	1000
Plastic	100
Metal parts of jewellery and hair accessories	100

- (5) "\*" = Results are calculated by the minimum weight of mixed components.





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### 3) Phthalates

Test Method: With reference to EN14372:2004, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Test Items	LOQ (%)	Results (%)		Limit (%)
		No.1	No.2+No.3+No.4	
Benzyl butyl phthalate (BBP)	0.005	ND	ND*	sum of four phthalates < 0.1
Di (2-ethyl hexyl)- phthalate (DEHP)	0.005	ND	ND*	
Dibutyl phthalate (DBP)	0.005	ND	ND*	
Diisobutyl phthalate (DIBP)	0.005	ND	ND*	
Diisodecyl phthalate (DIDP)	0.01	ND	ND*	sum of three phthalates < 0.1
Diisononyl phthalate (DINP)	0.01	ND	ND*	
Di-n-octyl phthalate (DNOP)	0.005	ND	ND*	
<b>Conclusion</b>	--	<b>Pass</b>	<b>Pass</b>	--

#### Note:

DBP= Dibutyl phthalate

BBP= Benzyl butyl phthalate

DEHP= Bis-(2-ethylhexyl)- phthalate

DINP= Di-isononyl phthalate

DNOP= Di-n-octyl phthalate

DIDP= Di-isodecyl phthalate

DIBP= Diisobutyl phthalate

(1) % = percentage by weight

(2) ND = Not Detected or lower than limit of quantitation

(3) LOQ = Limit of quantitation

(4) "<" = less than

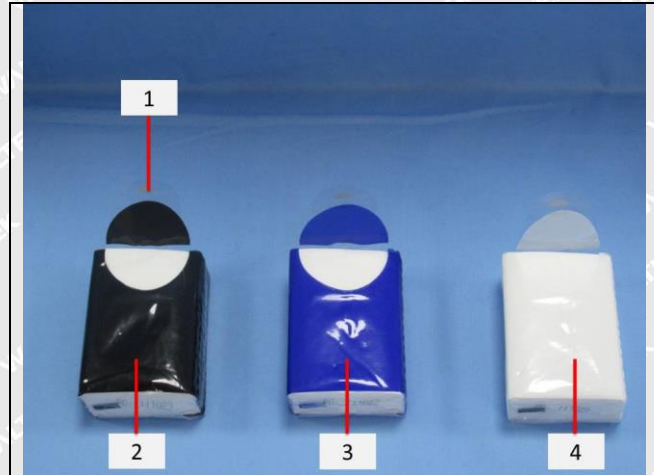
(5) The above limit was quoted according to Annex XVII Items 51 & 52 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 & No. 2018/2005 (formerly known as Directive 2005/84/EC) for phthalate content in toys and child care articles.

(6) "\*" = Results are calculated by the minimum weight of mixed components.



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**Photograph of parts tested:**



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6. The sample material information (Model No. information) is provided by client, not verified by test laboratory. The samples of reference Model No. are not tested. Test laboratory not responsible for the accuracy, appropriateness, completeness and authenticity of the information provided by client.

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

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