



TEST REPORT

Reference No. : WTF18F10126192C

Applicant: 1 Mid Ocean Brands B.V.

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

Hong Kong

Manufacturer: 111587

Sample Name.....: 600D Hydrapack w 2L water bag

Model No. : MO9550

Test Requested.....: In accordance with Regulation (EU) No 10/2011 with amendments

(EU) 2016/1416, (EU) 2017/752, (EU)2018/79, (EU)2018/213, Council of Europe Resolution AP(2004)5, Regulation (EC) No 1935/2004 and

French Law No.2012-1442 of Dec 2012.

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

Date of Receipt sample : 2018-10-13

Date of Test : 2018-10-13 to 2018-10-29

Date of Issue : 2018-10-29

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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Compiled by:

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Approved by:

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Reference No.: WTF18F10126192C Page 2 of 8

Test Results:

1. Overall Migration Test

Food Simulant	Toot Condition	Result (mg/dm²)				MDL	Limit
Food Simulant	Test Condition	No.1	No.3	No.4	No.5	(mg/dm ²)	(mg/dm ²)
10% Ethanol	40°C for 24 hours	ND	ND	ND	ND	3	10

Food Simulant	Toot Condition	Result (mg/dm²)			MDL	Limit	
Food Simulant	Test Condition	No.6	No.7	No.8	(mg/dm ²)	(mg/dm ²)	
10% Ethanol	40°C for 24 hours	ND	ND	ND	35 et 35 et	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 and (EU) 2017/752.

Food Simulant	Test Condition	Result (mg/kg)	MDI (mg/kg)	Limit	
Food Simulant	rest Condition	No.2	MDL(mg/kg)	(mg/kg)	
10% Ethanol	40°C for 24 hours	ND III	20	60	

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/kg" = milligram per kilogram of foodstuff in contact with
- 3. "°C" = Celsius degree
- 4. MDL= Method Detection Limit
- 5. ND = Not Detected, less than MDL
- 6. The specification was quoted from Council of Europe Resolution AP (2004)5.



Reference No.: WTF18F10126192C Page 3 of 8

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

Tool House	Result (mg/kg)			White Auri	mr mr
Test Items	No.3	No.4	No.5	MDL (mg/kg)	Limit (mg/kg)
Specific migration of Nickel*	ND	ND NO	ND	0.01	0.02
Specific migration of Aluminium*	ND	ND ND	ND	0.1	w1 w
Specific migration of Barium	WD w	ND	ND	0.1	MIT IN
Specific migration of Cobalt	ND O	ND	ND	0.01	0.05
Specific migration of Copper	ND	ND	ND	0.10	5 10
Specific migration of Iron	ND	ND	ND	0.1	48
Specific migration of Lithium	ND	ND	ND	0.01	0.6
Specific migration of Manganese	ND	ND C	ND ND	0.01	0.6
Specific migration of Zinc	ND	ND	ND	- 0.1	5





Reference No.: WTF18F10126192C Page 4 of 8

CULTER OF THE WALLE	WILL MULE	Result (mg/kg	MDI		
Test Items	No.6	No.7	No.8	MDL (mg/kg)	Limit (mg/kg)
Specific migration of Nickel*	ND	ND	ND	0.01	0.02
Specific migration of Aluminium*	ND	ND	ND	0.1	TEX MITER N
Specific migration of Barium	ND	ND	ND ND	0.1	1,
Specific migration of Cobalt	ND	ND	ND	0.01	0.05
Specific migration of Copper	ND	ND	ND	0.1	5 11
Specific migration of Iron	ND	ND N	ND	0.1	48
Specific migration of Lithium	ND	ND	ND	0.01	0.6
Specific migration of Manganese	ND	ND	ND	0.01	0.6
Specific migration of Zinc	ND	ND	ND	0.1	5

Note:

- 1. Test Method: With reference to BS EN 13130-1: 2004, sample preparation in 3% acetic acid at 40°C for 24 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.
- 6. The testing item marked with '*' does not been accredited by CNAS.



Reference No.: WTF18F10126192C Page 5 of 8

3. Specific Migration of Primary Aromatic Amines

Tool hom	or or R	esult (mg/k	g)	MDL (ma/ka)	Limit (ma/ka)
Test Item	No.3	No.4	No.5	MDL (mg/kg)	Limit (mg/kg)
Migration of Primary aromatic amines	ND	ND	S ND S	0.01	Not Detected (<0.01mg/kg)

	Took Itom Ch.	Result (mg/kg)			MDI (ma/ka)	Limit (ma/ka)
<u> </u>	Test Item	No.6	No.7	No.8	MDL (mg/kg)	Limit (mg/kg)
	Migration of Primary aromatic amines	ND	ND	ND	0.01	Not Detected (<0.01mg/kg)

Note:

- 1. Test Method: With reference to § 64 LFGB L No. 00.00-6, analysis was performed by UV-visible Spectrometer.
- 2. Test Condition and simulant: 3% acetic acid at 40°C for 24 hours.
- 3. "mg/kg" = milligram per kilogram of foodstuff in contact with
- 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 and (EU) 2017/752.

4. Bisphenol A Content*

Took Hom	ALTE	Result	It (mg/kg)			Limit (ma/ka)
Test Item	No.1	No.2	No.3	No.4	MDL (mg/kg)	Limit (mg/kg)
Bisphenol A	ND	ND	ND ND	ND	all on	Not Detected (<0.1mg/kg)

Toot Itom	V 4	Result	(mg/kg)	unit in	MDI (mg/kg)	Limit (mg/kg)
Test Item	No.5	No.6	No.7	No.8	MDL (mg/kg)	
Bisphenol A	ND	ND	ND	ND	0.1	Not Detected (<0.1mg/kg)

Note:

- 1. Test Method: With reference to US EPA 3540C-1996, 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 Law No 2012-1442.
- 6. The testing item marked with '*' does not been accredited by CNAS.



Reference No.: WTF18F10126192C

Sample Photo:



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Reference No.: WTF18F10126192C Page 7 of 8

Photograph of parts tested:

No.	Photo of testing part	Parts Description	Client Claimed Material
nitex fex function whites	5 5 7 8 9 10 11 12 13 11 15 16 17 18 19 20 71 22 31 25 5 77 5 23	Blue silicone rubber	Silicone rubber
iret uni 2 unii Miret	Summar 5 5 7 8 9 10 11 12 13 11 15 16 17 18 19 20 21 22 31 25 35 37 35 37	Transparent silicone rubber	Silicone rubber
3	5 5 7 8 9 10 H 12 13 11 15 10 17 18 19 20 21 22 21 22 21 25 20 21 22 21 20 20 20 20 20 20 20 20 20 20 20 20 20	White plastic	Inche white whitek whit
untiek 4 Litek Marie	5 100 up 115 up 20 up 25 u	Blue film	EVA WALEST WAS WAND WAND WAND WAND WAS WAND WAND WAND WAS WAND WAND WAND WAND WAND WAND WAND WAND



Reference No.: WTF18F10126192C

Page 8 of 8

No.	Photo of testing part	Parts Description	Client Claimed Material
Mitek 5 mi	5 - 7 - 9 10 m 22 pm 15 m pm p 20 m 22 m 25 m m 20 m 20 m 20 m 20 m 20	Blue plastic	Multiple whitely white
irek uni 6 unirek unirek	5 5 7 8 9 10 11 12 13 11 15 16 17 18 19 20 11 22 23 25 25 25 25 25 30 W	White plastic	EVA MILLER MALLER MALLE
TOWN TOWN TOWN TOWN TOWN TOWN TOWN TOWN	Superior 5 5 7 8 9 10 11 12 13 11 15 16 17 18 19 20 21 22 21 22 38 27 38 23 30	Blue plastic	untile white
tynif mirte 8 Liter m	5 7 8 9 10 H 12 13 H 15 16 17 18 19 20 17 27 27 22 5 5 7 28 28 10 H 12 13 H 15 16 17 18 19 20 17 27 27 22 5 5 7 28 28 28 28 28 28 28 28 28 28 28 28 28	White plastic	EVA MILLER MALLER MALLE

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