



# **TEST REPORT**

Reference No	َ ن	WTF21F06060522F
Applicant	: '11	Mid Ocean Brands B.V.
Address	whi	7/F., Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloo Hong Kong
Manufacturer	- C*	111587 THE MILE WALL WALL WALL WALL WALL WALL WALL WA
Sample Name		Lunch box
Model No	et	MO6286, MO6287
Test Requested	ر : :مارس	In accordance with Regulation (EU) No 10/2011 with amendments, Council of Europe Resolution AP(2004)5 and Regulation (EC) No 1935/2004.
Test Conclusion	: 1	Pass (Please refer to next pages for details)
Date of Receipt sample	Mrs	2021-06-22
Date of Test	C.E.Y	2021-06-22 to 2021-07-01
Date of Issue	<u>.</u>	2021-07-01
Test Result	1	Please refer to next page (s)

#### Remarks

Note.....

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# Prepared By:

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Selected test(s) as requested by applicant

Compiled by: Approved by:

Abby. Zhou Project Engineer Dino. Zhang / Technical Manager

Waltek Services (Foshan) Co., Ltd. http://www.waltek.com.cn





## **Test Results:**

# 1. Overall Migration Test

at at		R	esult (mg/dm		Limit	
Food Simulant	Test Condition	The second	No.1	LOQ		
INLIEK WINLIEK WIN	iek white white.	1 <sup>st</sup> Migration	2 <sup>nd</sup> Migration	3 <sup>rd</sup> Migration	(mg/dm <sup>2</sup> )	(mg/dm <sup>2</sup> )
3% Acetic Acid	100°C for 6 hours	ND	ND	ND	3 3	10
10% Ethanol	100°C for 6 hours	ND	ND ND	ND	3	10
95% Ethanol	60°C for 6 hours	ND	ND ND	ND	3	10
Isooctane	60°C for 4 hours	ND	ND	ND	+ 30+	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 EN 1186-14: 2002.
- 2. "mg/dm2" = milligram per square decimetre
- 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 (EU) No 10/2011 and its amendments (EU) 2016/1416, (EU) 2017/752, (EU)2019/37 and (EU) 2020/1245.

+ 100	Tank Camalikian	Result (mg/kg)	LOQ	Limit
Food Simulant	Test Condition	No.2	(mg/kg)	(mg/kg)
3% Acetic Acid	100°C for 6 hours	ND +	20	60
10% Ethanol	100°C for 6 hours	merry mer ND mer men o	20	60
95% Ethanol	60°C for 6 hours	THE RITER NOTES WHITE WA	20	60
Isooctane	60°C for 4 hours	ND L	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 EN 1186-14: 2002.
- 2. "mg/kg" = milligram per kilogram
- 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.



2. Specific Migration of heavy metal

	20, 20,	Result(mg/kg)	WITE WALTER	White whi	
Test Items	ALTER WALTE	No.1	- 14	LOQ (mg/kg)	Limit (mg/kg)
white where the lifet of	1 <sup>st</sup> Migration	2 <sup>nd</sup> Migration	3 <sup>rd</sup> Migration	(g/i.g/	
Specific migration of Nickel	ND	ND ND	ND	0.01	0.02
Specific migration of Aluminium	WND W	ND	ND	0.1	t milit wa
Specific migration of Barium	ND	ND	ND	0.1	1 1
Specific migration of Cobalt	ND	ND	ND	0.01	0.05
Specific migration of Copper	ND	ND	ND	0.1	5
Specific migration of Iron	ND	ND	ND	0.1	48
Specific migration of Lithium	ND	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 (1)
Specific migration of Antimony	ND -	ND	ND	0.01	0.04
Specific migration of Arsenic	ND	THE ND THE	ND	0.01	Not detected (<0.01)
Specific migration of Cadmium	ND	ND -	ND NITE	0.002	Not detected (<0.002)
Specific migration of Chromium	ND ND	ND	ND ND	0.01	Not detected (<0.01)
Specific migration of Mercury	ND	ND	ND	0.01	Not detected (<0.01)
Specific migration of Lead	ND	ND	ND	0.01	Not detected (<0.01)
Specific migration of Europeum	ND	ND	MD MC	0.02	- //-
Specific migration of Gadolinium	ND	ND	JAND JA	0.02	Sum o of
Specific migration of Lanthanum	ND	ND	ND	0.02	Sum<0.05
Specific migration of Terbium	ND	WD W	ND	0.02	in in





- 1. Test Method: With reference to BS EN 13130-1: 2004, sample preparation in 3% acetic acid at 40°C for 0.5 hour, analysis was performed by ICP-OES.
- 2. "mg/kg" = milligram per kilogram of foodstuff in contact with
- 3. LOQ = Limit of quantitation

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- 4. ND = Not Detected or lower than limit of quantitation
- 5. The specification was quoted from (EU) No 10/2011 and its amendments (EU) 2016/1416, (EU) 2017/752 and (EU) 2020/1245.

## 3. Specific Migration of Primary Aromatic Amines

the state wifet wifet with	ER WILLER	tesult (mg/k	g)	74 1th	tek tiek altek
Test Item	- TEX	No.1	EK WALTER	LOQ (mg/kg)	Limit (mg/kg)
white white white whi	1 <sup>st</sup> Migration	2 <sup>nd</sup> Migration	3 <sup>rd</sup> Migration	LIFE'S WALTER WALTE	MULTER MILIES OF
Migration of Primary aromatic amines	ND	ND	ND	0.002	<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 0.5 hour.
- 3. "mg/kg" = milligram per kilogram of foodstuff in contact with
- 4. LOQ = Limit of quantitation
- 5. ND = Not Detected or lower than limit of quantitation
- 6. The specification was quoted from (EU) No 10/2011 and its amendments (EU) 2016/1416, (EU) 2017/752 and (EU) 2020/1245.



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4. Specific Migration of Primary Aromatic Amines (single substance)

	24	Result(mg/kg)	WILL WILLE	Write and
Test Items	CAS No. 1 <sup>st</sup> Migration		LOQ (mg/kg)	Limit (mg/kg)
	at at	No.1	(1119/119)	(mg/kg)
2-methoxyaniline	90-04-0	ND	0.002	ek arek
4,4'-Diaminobiphenyl	92-87-5	ND W	0.002	10,
4,4'-Methylen-bis-(2-chloroaniline)	101-14-4	ND ND	0.002	W. WILLE
4,4'-Diaminodiphenylmethane	101-77-9	MD MD	0.002	
4,4'-Oxydianiline	101-80-4	ND	0.002	hrmr
4-chloroaniline	106-47-8	ND	0.002	TEK TIE
3,3'-Dimethoxybenzidine	119-90-4	TO NO NO	0.002	
3,3'-Dimethylbenzidine	119-93-7	ND -	0.002	Julie .
2-Methoxy-5-methylaniline	120-71-8	ND	0.002	. O. T.
2,4,5 – Trimethylaniline	137-17-7	ND ND	0.002	mrm
4,4'-Thiodianiline	139-65-1	ND	0.002	JEH 17
4-aminoazobenzene	60-09-3	ND ND	0.002	10
2,4-diaminoanisol	615-05-4	ND	0.002	EL NILIE
4,4'-diamino-3,3'- dimethyldiphenylmethane	838-88-0	ND	0.002	WILLER W
2-Naphthylamine	91-59-8	Mer ND Mer	0.002	-
3,3'-Dichlorobenzidine	91-94-1	ND ND	0.002	المارية الماران
4-Aminobiphenyl	92-67-1	ND	0.002	18th - 18
2-methylaniline	95-53-4	ND	0.002	711
4-chloro-o-Toluidine	95-69-2	ND	0.002	JE WIELER
2,4-Toluylendiamine	95-80-7	ND W	0.002	, E
2,4-Aminoazotoluene	97-56-3	ND ND	0.002	ancir- an
2-Amino-4-nitrotoluene	99-55-8	ND	0.002	1E+ 5
2,4-Xylidin	95-68-1	ND ND	0.002	V. 714
2,6-Xylidin	87-62-7	ND	0.002	Et NEIER
1, 3 - phenylene diamine	108-45-2	ND ND WALL	0.002	3,





	CAS No. Result(mg/kg)  2 <sup>nd</sup> Migration		WIER WILLER	Limit (mg/kg)
Test Items			LOQ (mg/kg)	
		No.1	(Hig/kg)	(mg/kg)
2-methoxyaniline	90-04-0	ND	0.002	it with
4,4'-Diaminobiphenyl	92-87-5	ND ND	0.002	70, -
4,4'-Methylen-bis-(2-chloroaniline)	101-14-4	ND:	0.002	WILLE A
4,4'-Diaminodiphenylmethane	101-77-9	ND ND	0.002	
4,4'-Oxydianiline	101-80-4	ND	0.002	iver our
4-chloroaniline	106-47-8	ND	0.002	SER STE
3,3'-Dimethoxybenzidine	119-90-4	ND NO NO	0.002	141,
3,3'-Dimethylbenzidine	119-93-7	L ND AF JO	0.002	MITE.
2-Methoxy-5-methylaniline	120-71-8	ND	0.002	. OF
2,4,5 – Trimethylaniline	137-17-7	ND	0.002	aneran
4,4'-Thiodianiline	139-65-1	ND	0.002	TEK II
4-aminoazobenzene	60-09-3	MIND WILL W	0.002	7,
2,4-diaminoanisol	615-05-4	ND	0.002	CIP-TE
4,4'-diamino-3,3'- dimethyldiphenylmethane	838-88-0	ND	0.002	- MATERIA
2-Naphthylamine	91-59-8	ND ND	0.002	·
3,3'-Dichlorobenzidine	91-94-1	ND ND	0.002	Write -OV
4-Aminobiphenyl	92-67-1	ND	0.002	18t - 18
2-methylaniline	95-53-4	ND ND	0.002	7/1
4-chloro-o-Toluidine	95-69-2	ND	0.002	N. W. E.K.
2,4-Toluylendiamine	95-80-7	ND WELL	0.002	J.E.
2,4-Aminoazotoluene	97-56-3	ND ND	0.002	Mrtir - W
2-Amino-4-nitrotoluene	99-55-8	WND WND	0.002	18t - 3
2,4-Xylidin	95-68-1	ND ND	0.002	ur au
2,6-Xylidin	87-62-7	ND	0.002	EF WIE
1, 3 - phenylene diamine	108-45-2	THE NOTE OF	0.002	





	711, 70,	Result(mg/kg)	NITER SIGNIFES	Limit (mg/kg)
Test Items	CAS No.	3 <sup>rd</sup> Migration	LOQ (mg/kg)	
	et et	No.1	(ilig/kg)	
2-methoxyaniline	90-04-0	ND	0.002	ND
4,4'-Diaminobiphenyl	92-87-5	ND ND	0.002	ND
4,4'-Methylen-bis-(2-chloroaniline)	101-14-4	ND ND	0.002	ND
4,4'-Diaminodiphenylmethane	101-77-9	ND	0.002	ND
4,4'-Oxydianiline	101-80-4	ND	0.002	ND
4-chloroaniline	106-47-8	ND	0.002	ND
3,3'-Dimethoxybenzidine	119-90-4	ND	0.002	ND
3,3'-Dimethylbenzidine	119-93-7	ND 0	0.002	ND
2-Methoxy-5-methylaniline	120-71-8	ND	0.002	ND
2,4,5 – Trimethylaniline	137-17-7	ND	0.002	MD <sub>0</sub>
4,4'-Thiodianiline	139-65-1	ND	0.002	ND
4-aminoazobenzene	60-09-3	ND ND	0.002	ND
2,4-diaminoanisol	615-05-4	ND A	0.002	ND
4,4'-diamino-3,3'- dimethyldiphenylmethane	838-88-0	ND	0.002	ND
2-Naphthylamine	91-59-8	ND	0.002	ND
3,3'-Dichlorobenzidine	91-94-1	ND	0.002	ND
4-Aminobiphenyl	92-67-1	ND	0.002	ND
2-methylaniline	95-53-4	ND	0.002	ND
4-chloro-o-Toluidine	95-69-2	ND	0.002	ND
2,4-Toluylendiamine	95-80-7	ND	0.002	ND
2,4-Aminoazotoluene	97-56-3	ND ND	0.002	ND
2-Amino-4-nitrotoluene	99-55-8	ND	0.002	ND
2,4-Xylidin	95-68-1	ND	0.002	ND
2,6-Xylidin	87-62-7	ND	0.002	ND
1, 3 - phenylene diamine	108-45-2	ND	0.002	ND





#### Note:

- 1. Test Method: With reference to EN 13130-1:2004, analysis was performed by LC-MS-MS.
- 2. Test Condition and simulant: 3% acetic acid at 100°C for 6 hours.
- 3. "mg/kg" = milligram per kilogram of foodstuff in contact with
- 4. LOQ = Limit of quantitation
- 5. ND = Not Detected or lower than limit of quantitation
- 6. The specification was quoted from (EU) No 10/2011 and its amendments (EU) 2016/1416, (EU) 2017/752 and (EU) 2020/1245.

## 5. Bisphenol A Content\*

Took Home William S	Result (	mg/kg)	100 (20 0/160)	Limit (may/kg)
Test Item	No.1	No.2	LOQ (mg/kg)	Limit (mg/kg)
Bisphenol A	ND	ND TO	o.1 mili	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.

# Sample Photo:





No.	Photo of testing part	Parts Description	Client Claimed Material
1	2.5.11.100 HUH 115 HUH 120 HUH 125 HUH	Transparent plastic	MITER WHITE
2	27 1 5 1 1 1 10 11 11 11 11 11 11 11 11 11 11	White silicone rubber	Silicone rubber

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