TEST REPORT

APPLICANT	:	Mid Ocean Hong Kong Ltd.
ADDRESS	:	7/F, Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong.
SAMPLE DESCRIPTION	:	Muti-function foldable table
MODEL NO.	:	MO2227
SAMPLE RECEIVED DATE	:	10-July-2024
TURN AROUND TIME	:	10-July-2024 to 25-July-2024

The following test item(s) was/were performed on submitted sample(s) and/or component(s) confirmed by applicant

TEST REQUESTED	TEST METHOD/REGULATION	RESULT
Overall Migration for Plastic	LFGB Section 30 and 31	Pass
Overall Migration for TPE	Resolution ResAP(2004) 4	Pass
Bisphenol A (BPA) Content	EPA 3550C:2007, EPA 8321B:2007	Pass
Specific Migration of Primary Aromatic Amines	LFGB Section 30 and 31	Pass
Specific Migration of Heavy Metals	Regulation (EU) No 10/2011 and its amendments	Pass
Specific Migration of Heavy Metals(Ca, Mg, K, Na)	In House Test Method	Pass

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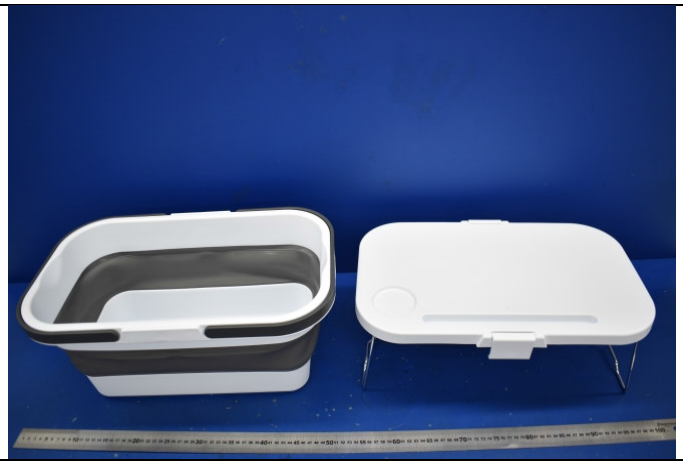
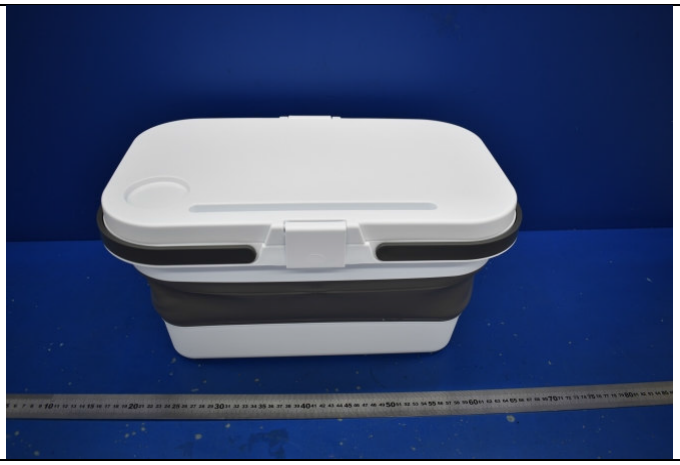
********** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) **********

Signed for and on behalf of
Eurofins Product Testing Service (Shanghai) Co., Ltd

Joyce Liu
Operation Director

TEST SAMPLE PHOTO(S)





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EFSH524073012-CG-01

TO BE CONTINUED

COMPONENT LIST

Component No.	Component	Sample No.
1	White PP basket	A
2	Dark grey TPE basket	A
3		

TEST RESULT

Overall Migration for Plastic

Test Request: To determine the Overall Migration for compliance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR recommendation and Commission Regulation (EU) No 10/2011 and its amendments.

Test Method: According to appropriate method of EN1186-3:2022 method 1a, method 2, method 5 for evaporable simulants, EN 1186-2:2022 method 1 for fatty food simulants.

Simulant Used	Time	Temperature	Unit	Limit	Result 1		
					1st	2nd	3rd
3% Acetic Acid	2h	70° C	mg/dm²	10	<3.0	<3.0	<3.0
50% Ethanol	2h	70° C	mg/dm²	10	<3.0	<3.0	<3.0
Oil	2h	70° C	mg/dm²	10	<3.0	<3.0	<3.0

Simulant Used	Time	Temperature	Unit	Limit	Result 2		
					1st	2nd	3rd
3% Acetic Acid	2h	70° C	mg/dm²	10	<3.0	<3.0	<3.0
50% Ethanol	2h	70° C	mg/dm²	10	<3.0	<3.0	<3.0
Oil	2h	70° C	mg/dm²	10	<3.0	<3.0	<3.0

Overall Migration for TPE

Test Request: Overall migration as specified in Resolution ResAP (2004) 4 on rubber products intended to come. into contact with foodstuffs.

Test Method: Refer to appropriate method of EN1186 -3:2022 method 1a, method 2, method 5 for evaporable simulants, EN 1186-2:2022 method 1 for fatty food simulants.

Simulant Used	Time	Temperature	Unit	Limit	Result 1		
					1st	2nd	3rd
3% Acetic Acid	2h	70° C	mg/kg	60	<20	<20	<20
50% Ethanol	2h	70° C	mg/kg	60	<20	<20	<20
Oil	2h	70° C	mg/kg	60	<20	<20	<20

Simulant Used	Time	Temperature	Unit	Limit	Result 2		
					1st	2nd	3rd
3% Acetic Acid	2h	70° C	mg/kg	60	<20	<20	<20
50% Ethanol	2h	70° C	mg/kg	60	<20	<20	<20
Oil	2h	70° C	mg/kg	60	<20	<20	<20

Remark:

mg/kg= milligram per kilogram
Analytical tolerance of evaporable simulants is 12 mg/kg
Analytical tolerance of fatty food simulants is 20 mg/kg
Test condition & simulant were specified by client.

TEST RESULT

Bisphenol A (BPA) Content

Test Request: Bisphenol A content as per client's request.

Test Method: With reference to EPA 3550C:2007, EPA 8321B:2007, analysis was performed by LC-MS.

Test Item(s)	CAS No.	Unit	MDL	Result
				1
Bisphenol A	80-05-7	mg/kg	0.1	ND

Test Item(s)	CAS No.	Unit	MDL	Result
				2
Bisphenol A	80-05-7	mg/kg	0.1	ND

Remarks:

mg/kg = milligram per kilogram
MDL = method detection limit
ND = Not detected, less than MDL

TEST RESULT

Specific Migration of Primary Aromatic Amines

Test Request: Specific migration of primary aromatic amines as specified in German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31, and BfR recommendation.

Test Method: With reference to EN 13130-1:2004 for sample preparation, analysis was performed by UV-VIS and LC-MS/MS.

Simulant Used: 3% Acetic Acid

Test Condition: 2h at 70° C

Test Item(s)	CAS No.	Unit	Limit	MDL	Result		
					1		
					1st	2nd	3rd
1,3-phenylenediamine	108-45-2	mg/kg	0.002	0.002	ND	ND	ND
2,4,5-trimethylaniline	137-17-7	mg/kg	0.002	0.002	ND	ND	ND
2-methoxy-5-methylaniline	120-71-8	mg/kg	0.002	0.002	ND	ND	ND
2-naphthylamine	91-59-8	mg/kg	0.002	0.002	ND	ND	ND
3,3-dichlorobenzidine	91-94-1	mg/kg	0.002	0.002	ND	ND	ND
3,3-dimethoxybenzidine	119-90-4	mg/kg	0.002	0.002	ND	ND	ND
3,3-dimethylbenzidine	119-93-7	mg/kg	0.002	0.002	ND	ND	ND
4,4-methylene-bis-(2-chloro-aniline)	101-14-4	mg/kg	0.002	0.002	ND	ND	ND
4,4-methylenedianiline	101-77-9	mg/kg	0.002	0.002	ND	ND	ND
4,4-methylenendi-o-toluidine	838-88-0	mg/kg	0.002	0.002	ND	ND	ND
4,4-oxydianiline	101-80-4	mg/kg	0.002	0.002	ND	ND	ND
4,4-thiodianiline	139-65-1	mg/kg	0.002	0.002	ND	ND	ND
4-amino-azobenzene	60-09-3	mg/kg	0.002	0.002	ND	ND	ND
4-aminobiphenyl	92-67-1	mg/kg	0.002	0.002	ND	ND	ND
4-chloroaniline	106-47-8	mg/kg	0.002	0.002	ND	ND	ND
4-chloro-o-toluidine	95-69-2	mg/kg	0.002	0.002	ND	ND	ND
4-methoxy-m-phenylenediamine	615-05-4	mg/kg	0.002	0.002	ND	ND	ND
4-methyl-m-phenylenediamine	95-80-7	mg/kg	0.002	0.002	ND	ND	ND
5-nitro-o-toluidine	99-55-8	mg/kg	0.002	0.002	ND	ND	ND
benzidine	92-87-5	mg/kg	0.002	0.002	ND	ND	ND
o-aminoazotoluene	97-56-3	mg/kg	0.002	0.002	ND	ND	ND
o-anisidine	90-04-0	mg/kg	0.002	0.002	ND	ND	ND
o-toluidine	95-53-4	mg/kg	0.002	0.002	ND	ND	ND
Total of other Primary Aromatic Amines	-	mg/kg	0.01	0.01	ND	ND	ND

Remark:

mg/kg = milligram per kilogram
MDL = method detection limit
ND = Not detected, less than MDL

TEST RESULT

Specific Migration of Heavy Metals

Test method : The concentration of the following elements is examined by means of inductively coupled plasma mass spectroscopy.

Limit according to Regulation (EU) No 10/2011 and its amendments.

Test condition :

Food simulant	Test duration/temperature
3% Acetic acid	2 hours / 70°C

Testing Material No.		1			Detection limit	Limit
Parameter	Unit	Test result				
		Trial I	Trial II	Trial III		
Barium (Ba)	mg/kg	N.D.	N.D.	N.D.	0.1	1
Cobalt (Co)	mg/kg	N.D.	N.D.	N.D.	0.01	0.05
Copper (Cu)	mg/kg	N.D.	N.D.	N.D.	0.1	5
Iron (Fe)	mg/kg	N.D.	N.D.	N.D.	1	48
Lithium (Li)	mg/kg	N.D.	N.D.	N.D.	0.1	0.6
Manganese (Mn)	mg/kg	N.D.	N.D.	N.D.	0.1	0.6
Zinc (Zn)	mg/kg	N.D.	N.D.	N.D.	1	5
Aluminum (Al)	mg/kg	N.D.	N.D.	N.D.	0.1	1
Nickel (Ni)	mg/kg	N.D.	N.D.	N.D.	0.01	0.02
Arsenic (As)	mg/kg	N.D.	N.D.	N.D.	0.01	N.D
Antimony (Sb)	mg/kg	N.D.	N.D.	N.D.	0.01	0.04
Cadmium (Cd)	mg/kg	N.D.	N.D.	N.D.	0.002	N.D
Chromium (Cr)	mg/kg	N.D.	N.D.	N.D.	0.01	N.D
Europium (Eu)	mg/kg	N.D.	N.D.	N.D.	0.01	0.05
Gadolinium (Gd)	mg/kg	N.D.	N.D.	N.D.	0.01	
Lanthanum (La)	mg/kg	N.D.	N.D.	N.D.	0.01	
Terbium (Tb)	mg/kg	N.D.	N.D.	N.D.	0.01	
Lead (Pb)	mg/kg	N.D.	N.D.	N.D.	0.01	N.D
Mercury (Hg)	mg/kg	N.D.	N.D.	N.D.	0.01	N.D

Note: - 1 mg/kg = 1 ppm = 0.0001%
- °C = degree Celsius
- N.D. = Not Detected
- The test condition and material were specified by applicant.
- The test item is tested in Eurofins Internal laboratory.

TEST RESULT

Specific Migration of Heavy Metals(Ca, Mg, K, Na)

Test method : The concentration of the following elements is examined by ICP-MS/IC

Test condition :

Food simulant	Test duration/temperature
3% Acetic acid	2 hours / 70°C

Testing Material No.		**1**			**Detection limit**
Parameter	**Unit**	**Test result**			
		Trial I	**Trial II**	**Trial III**	
Calcium(Ca)	mg/kg	N.D.	N.D.	N.D.	1
Magnesium(Mg)	mg/kg	N.D.	N.D.	N.D.	0.1
Kalium(K)	mg/kg	N.D.	N.D.	N.D.	0.1
Sodium(Na)	mg/kg	N.D.	N.D.	N.D.	1

Note: - 1 mg/kg = 1 ppm = 0.0001%
- °C = degree Celsius
- N.D. = Not Detected
- The test condition and material were specified by applicant.
- The test item is tested in Eurofins Internal laboratory.