中国认可
国际互认
检测
TESTING
CNAS L6478

TEST REPORT

Report No.	:	WTF22F08166409A1F
Applicant	:	Mid Ocean Brands B.V.
Address	:	7/F., Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong
Manufacturer	:	100381
Sample Name	:	Picnic bag
Sample Model	:	AR1470
Test Requested	:	In accordance with Regulation (EU) No 10/2011 with amendments, Council of Europe Resolution CM/Res(2013)9, Council of Europe Resolution AP(2002)1 and Regulation (EC) No 1935/2004.
Test Conclusion	:	**Pass** (Please refer to next pages for details)
Date of Receipt sample	:	2022-08-16 & 2022-09-13
Testing period	:	2022-08-16 to 2022-09-02 & 2022-09-13 to 2022-09-21
Date of Issue	:	2022-09-22
Test Result	:	Refer to next page (s)

Prepared By:

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

Jessise Liu

Jessise.Liu

Test Results:

1. Overall Migration Test

Food Simulant	Test Condition	Result (mg/dm^2)			LOQ (mg/dm^2)	Limit (mg/dm^2)
		No.1				
		1st Migration	2nd Migration	3rd Migration		
3% Acetic Acid	40°C for 4 hours	ND	ND	ND	3	10
10% Ethanol	40°C for 4 hours	ND	ND	ND	3	10
95% Ethanol	40°C for 4 hours	ND	ND	ND	3	10
Isooctane	40°C for 1 hour	ND	ND	ND	3	10

Food Simulant	Test Condition	Result (mg/dm^2)			LOQ (mg/dm^2)	Limit (mg/dm^2)
		No.2				
		1st Migration	2nd Migration	3rd Migration		
3% Acetic Acid	40°C for 4 hours	ND	ND	ND	3	10
10% Ethanol	40°C for 4 hours	ND	ND	ND	3	10
95% Ethanol	40°C for 4 hours	ND	ND	ND	3	10
Isooctane	40°C for 1 hour	ND	ND	ND	3	10

Food Simulant	Test Condition	Result (mg/dm^2)			LOQ (mg/dm^2)	Limit (mg/dm^2)
		No.3				
		1st Migration	2nd Migration	3rd Migration		
3% Acetic Acid	40°C for 4 hours	ND	ND	ND	3	10
10% Ethanol	40°C for 4 hours	ND	ND	ND	3	10
95% Ethanol	40°C for 4 hours	ND	ND	ND	3	10
Isooctane	40°C for 1 hour	ND	ND	ND	3	10

Food Simulant	Test Condition	Result (mg/dm^2)			LOQ (mg/dm^2)	Limit (mg/dm^2)
		No.4				
		1st Migration	2nd Migration	3rd Migration		
3% Acetic Acid	40°C for 4 hours	ND	ND	ND	3	10
10% Ethanol	40°C for 4 hours	ND	ND	ND	3	10
95% Ethanol	40°C for 4 hours	ND	ND	ND	3	10
Isooctane	40°C for 1 hour	ND	ND	ND	3	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/dm^2" = 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.
7. Test conditions were specified by the customer

2. Specific Migration of heavy metal

Test Items	Result(mg/kg)			LOQ (mg/kg)	Limit (mg/kg)
	No.1				
	1st Migration	2nd Migration	3rd Migration		
Specific migration of Nickel	ND	ND	ND	0.01	0.02
Specific migration of Aluminium	ND	ND	ND	0.1	1
Specific migration of Barium	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
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	ND	0.01	0.6
Specific migration of Zinc	ND	ND	ND	0.1	5
Specific migration of Antimony	ND	ND	ND	0.01	0.04
Specific migration of Arsenic	ND	ND	ND	0.01	Not detected
Specific migration of Cadmium	ND	ND	ND	0.002	Not detected
Specific migration of Chromium	ND	ND	ND	0.01	Not detected
Specific migration of Mercury	ND	ND	ND	0.01	Not detected
Specific migration of Lead	ND	ND	ND	0.01	Not detected
Specific migration of Europeum	ND	ND	ND	0.02	Sum<0.05
Specific migration of Gadolinium	ND	ND	ND	0.02	
Specific migration of Lanthanum	ND	ND	ND	0.02	
Specific migration of Terbium	ND	ND	ND	0.02	

Test Items	Result(mg/kg)			LOQ (mg/kg)	Limit (mg/kg)
	No.2				
	1st Migration	2nd Migration	3rd Migration		
Specific migration of Nickel	ND	ND	ND	0.01	0.02
Specific migration of Aluminium	ND	ND	ND	0.1	1
Specific migration of Barium	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
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	ND	0.01	0.6
Specific migration of Zinc	ND	ND	ND	0.1	5
Specific migration of Antimony	ND	ND	ND	0.01	0.04
Specific migration of Arsenic	ND	ND	ND	0.01	Not detected
Specific migration of Cadmium	ND	ND	ND	0.002	Not detected
Specific migration of Chromium	ND	ND	ND	0.01	Not detected
Specific migration of Mercury	ND	ND	ND	0.01	Not detected
Specific migration of Lead	ND	ND	ND	0.01	Not detected
Specific migration of Europeum	ND	ND	ND	0.02	Sum<0.05
Specific migration of Gadolinium	ND	ND	ND	0.02	
Specific migration of Lanthanum	ND	ND	ND	0.02	
Specific migration of Terbium	ND	ND	ND	0.02	

Test Items	Result(mg/kg)			LOQ (mg/kg)	Limit (mg/kg)
	No.3				
	1st Migration	2nd Migration	3rd Migration		
Specific migration of Nickel	ND	ND	ND	0.01	0.02
Specific migration of Aluminium	ND	ND	ND	0.1	1
Specific migration of Barium	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
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	ND	0.01	0.6
Specific migration of Zinc	ND	ND	ND	0.1	5
Specific migration of Antimony	ND	ND	ND	0.01	0.04
Specific migration of Arsenic	ND	ND	ND	0.01	Not detected
Specific migration of Cadmium	ND	ND	ND	0.002	Not detected
Specific migration of Chromium	ND	ND	ND	0.01	Not detected
Specific migration of Mercury	ND	ND	ND	0.01	Not detected
Specific migration of Lead	ND	ND	ND	0.01	Not detected
Specific migration of Europeum	ND	ND	ND	0.02	Sum<0.05
Specific migration of Gadolinium	ND	ND	ND	0.02	
Specific migration of Lanthanum	ND	ND	ND	0.02	
Specific migration of Terbium	ND	ND	ND	0.02	

Test Items	Result(mg/kg)			LOQ (mg/kg)	Limit (mg/kg)
	No.4				
	1st Migration	2nd Migration	3rd Migration		
Specific migration of Nickel	ND	ND	ND	0.01	0.02
Specific migration of Aluminium	ND	ND	ND	0.1	1
Specific migration of Barium	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
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	ND	0.01	0.6
Specific migration of Zinc	ND	ND	ND	0.1	5
Specific migration of Antimony	ND	ND	ND	0.01	0.04
Specific migration of Arsenic	ND	ND	ND	0.01	Not detected
Specific migration of Cadmium	ND	ND	ND	0.002	Not detected
Specific migration of Chromium	ND	ND	ND	0.01	Not detected
Specific migration of Mercury	ND	ND	ND	0.01	Not detected
Specific migration of Lead	ND	ND	ND	0.01	Not detected
Specific migration of Europeum	ND	ND	ND	0.02	Sum<0.05
Specific migration of Gadolinium	ND	ND	ND	0.02	
Specific migration of Lanthanum	ND	ND	ND	0.02	
Specific migration of Terbium	ND	ND	ND	0.02	

Note:

1. Test Method: With reference to BS EN 13130-1: 2004, sample preparation in 3% acetic acid at 40°C for 4 hours, analysis was performed by ICP-MS.
2. “mg/kg” = milligram per kilogram of foodstuff in contact with
3. LOQ = Limit of quantitation
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

Test Item	Result (mg/kg)			LOQ (mg/kg)	Limit (mg/kg)
	No.1				
	1st Migration	2nd Migration	3rd Migration		
Migration of Primary aromatic amines	ND	ND	ND	0.002	<0.01mg/kg

Test Item	Result (mg/kg)			LOQ (mg/kg)	Limit (mg/kg)
	No.3				
	1st Migration	2nd Migration	3rd Migration		
Migration of Primary aromatic amines	ND	ND	ND	0.002	<0.01mg/kg

Test Item	Result (mg/kg)			LOQ (mg/kg)	Limit (mg/kg)
	No.4				
	1st Migration	2nd Migration	3rd Migration		
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 4 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.

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

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

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

Test Items	CAS No.	Result(mg/kg)			LOQ (mg/kg)	Limit (mg/kg)
		No.4				
		1st Migration	2nd Migration	3rd Migration		
2-methoxyaniline	90-04-0	ND	ND	ND	0.002	ND
4,4'-Diaminobiphenyl	92-87-5	ND	ND	ND	0.002	ND
4,4'-Methylen-bis-(2-chloroaniline)	101-14-4	ND	ND	ND	0.002	ND
4,4'-Diaminodiphenylmethane	101-77-9	ND	ND	ND	0.002	ND
4,4'-Oxydianiline	101-80-4	ND	ND	ND	0.002	ND
4-chloroaniline	106-47-8	ND	ND	ND	0.002	ND
3,3'-Dimethoxybenzidine	119-90-4	ND	ND	ND	0.002	ND
3,3'-Dimethylbenzidine	119-93-7	ND	ND	ND	0.002	ND
2-Methoxy-5-methylaniline	120-71-8	ND	ND	ND	0.002	ND
2,4,5 – Trimethylaniline	137-17-7	ND	ND	ND	0.002	ND
4,4'-Thiodianiline	139-65-1	ND	ND	ND	0.002	ND
4-aminoazobenzene	60-09-3	ND	ND	ND	0.002	ND
2,4-diaminoanisol	615-05-4	ND	ND	ND	0.002	ND
4,4'-diamino-3,3'-dimethyldiphenylmethane	838-88-0	ND	ND	ND	0.002	ND
2-Naphthylamine	91-59-8	ND	ND	ND	0.002	ND
3,3'-Dichlorobenzidine	91-94-1	ND	ND	ND	0.002	ND
4-Aminobiphenyl	92-67-1	ND	ND	ND	0.002	ND
2-methylaniline	95-53-4	ND	ND	ND	0.002	ND
4-chloro-o-Toluidine	95-69-2	ND	ND	ND	0.002	ND
2,4-Toluylendiamine	95-80-7	ND	ND	ND	0.002	ND
2,4-Aminoazotoluene	97-56-3	ND	ND	ND	0.002	ND
2-Amino-4-nitrotoluene	99-55-8	ND	ND	ND	0.002	ND
2,4-Xylidin	95-68-1	ND	ND	ND	0.002	ND
2,6-Xylidin	87-62-7	ND	ND	ND	0.002	ND
1, 3 - phenylene diamine	108-45-2	ND	ND	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 40°C for 4 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.
7. The testing item marked with '*' does not been accredited by CNAS.

5. Bisphenol A Content*

Test Item	Result (mg/kg)				LOQ (mg/kg)	Limit (mg/kg)
	No.1	No.2	No.3	No.4		
Bisphenol A	ND	ND	ND	ND	0.1	Not Detected

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.

6. Council of Europe Resolution CM/Res(2013)9-Specific Migration of Heavy Metal

Test Items	1st+2nd Migration (mg/kg)	LOQ (mg/kg)	Limit (mg/kg)
	No.5		
Aluminium (Al)	ND	0.2	35
Antimony (Sb)	ND	0.02	0.28
Chromium (Cr)	0.06	0.04	1.75
Cobalt (Co)	ND	0.02	0.14
Copper (Cu)	ND	0.2	28
Iron (Fe)	2.9	0.4	280
Manganese (Mn)	ND	0.2	12.6
Molybdenum (Mo)	ND	0.02	0.84
Nickel (Ni)	0.10	0.02	0.98
Silver (Ag)	ND	0.02	0.56
Tin (Sn)	ND	0.2	700
Vanadium (V)	ND	0.01	0.07
Zinc (Zn)	ND	0.2	35
Arsenic (As)	ND	0.002	0.014
Barium (Ba)	ND	0.2	8.4
Beryllium (Be)	ND	0.01	0.07
Cadmium (Cd)	ND	0.002	0.035
Lead (Pb)	ND	0.01	0.07
Lithium (Li)	ND	0.01	0.336
Mercury (Hg)	ND	0.002	0.021
Thallium (Tl)	ND	0.0002	0.0007
Magnesium (Mg)	ND	0.2	--
Titanium (Ti)	ND	0.02	--

Test Items	3rd Migration (mg/kg)	LOQ (mg/kg)	Limit (mg/kg)
	No.5		
Aluminium (Al)	ND	0.1	5
Antimony (Sb)	ND	0.01	0.04
Chromium (Cr)	ND	0.02	0.25
Cobalt (Co)	ND	0.01	0.02
Copper (Cu)	ND	0.1	4
Iron (Fe)	0.2	0.2	40
Manganese (Mn)	ND	0.1	1.8
Molybdenum (Mo)	ND	0.01	0.12
Nickel (Ni)	ND	0.01	0.14
Silver (Ag)	ND	0.01	0.08
Tin (Sn)	ND	0.1	100
Vanadium (V)	ND	0.005	0.01
Zinc (Zn)	ND	0.1	5
Arsenic (As)	ND	0.001	0.002
Barium (Ba)	ND	0.1	1.2
Beryllium (Be)	ND	0.005	0.01
Cadmium (Cd)	ND	0.001	0.005
Lead (Pb)	ND	0.005	0.01
Lithium (Li)	ND	0.005	0.048
Mercury (Hg)	ND	0.001	0.003
Thallium (Tl)	ND	0.0001	0.0001
Magnesium (Mg)	ND	0.1	--
Titanium (Ti)	ND	0.01	--

Note:

1. Test Method: With reference to BS EN 13130-1: 2004, analysis was performed by ICP-MS.
2. Test Condition and simulant: Sample(s) were migrated with 5g/L citric acid at 40°C for 4 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. “--” = Not regulated
7. The specification was quoted from Technical Guide on Metals and alloys used in food contact materials of Council of Europe Resolution CM/Res(2013)9.

Test Items	1st+2nd Migration (mg/kg)	LOQ (mg/kg)	Limit (mg/kg)
	No.6		
Aluminium (Al)	ND	0.2	35
Antimony (Sb)	ND	0.02	0.28
Chromium (Cr)	ND	0.04	1.75
Cobalt (Co)	ND	0.02	0.14
Copper (Cu)	ND	0.2	28
Iron (Fe)	ND	0.4	280
Manganese (Mn)	ND	0.2	12.6
Molybdenum (Mo)	ND	0.02	0.84
Nickel (Ni)	ND	0.02	0.98
Silver (Ag)	ND	0.02	0.56
Tin (Sn)	ND	0.2	700
Vanadium (V)	ND	0.01	0.07
Zinc (Zn)	ND	0.2	35
Arsenic (As)	ND	0.002	0.014
Barium (Ba)	ND	0.2	8.4
Beryllium (Be)	ND	0.01	0.07
Cadmium (Cd)	ND	0.002	0.035
Lead (Pb)	ND	0.01	0.07
Lithium (Li)	ND	0.01	0.336
Mercury (Hg)	ND	0.002	0.021
Thallium (Tl)	ND	0.0002	0.0007
Magnesium (Mg)	ND	0.2	--
Titanium (Ti)	ND	0.02	--

Test Items	3rd Migration (mg/kg)	LOQ (mg/kg)	Limit (mg/kg)
	No.6		
Aluminium (Al)	ND	0.1	5
Antimony (Sb)	ND	0.01	0.04
Chromium (Cr)	ND	0.02	0.25
Cobalt (Co)	ND	0.01	0.02
Copper (Cu)	ND	0.1	4
Iron (Fe)	ND	0.2	40
Manganese (Mn)	ND	0.1	1.8
Molybdenum (Mo)	ND	0.01	0.12
Nickel (Ni)	ND	0.01	0.14
Silver (Ag)	ND	0.01	0.08
Tin (Sn)	ND	0.1	100
Vanadium (V)	ND	0.005	0.01
Zinc (Zn)	ND	0.1	5
Arsenic (As)	ND	0.001	0.002
Barium (Ba)	ND	0.1	1.2
Beryllium (Be)	ND	0.005	0.01
Cadmium (Cd)	ND	0.001	0.005
Lead (Pb)	ND	0.005	0.01
Lithium (Li)	ND	0.005	0.048
Mercury (Hg)	ND	0.001	0.003
Thallium (Tl)	ND	0.0001	0.0001
Magnesium (Mg)	ND	0.1	--
Titanium (Ti)	ND	0.01	--

Note:

1. Test Method: With reference to BS EN 13130-1: 2004, analysis was performed by ICP-MS.
2. Test Condition and simulant: Sample(s) were migrated with artificial tap water at 40°C for 4 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. “--” = Not regulated
7. The specification was quoted from Technical Guide on Metals and alloys used in food contact materials of Council of Europe Resolution CM/Res(2013)9.

7. Specific Migration of Formaldehyde*

Test Item	Result (mg/kg)	LOQ (mg/kg)	Limit (mg/kg)
	No.7		
Migration of Formaldehyde	ND	1	15

Note:

1. Test Method: With reference to BS EN 13130-1: 2004, sample preparation in 3% acetic acid at 40°C for 4 hours, analysis was performed by UV-visible Spectrometer.
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 regulation (EU) No 10/2011.
6. The testing item marked with ‘*’ does not been accredited by CNAS.

8. Pentachlorophenol (PCP) Content*

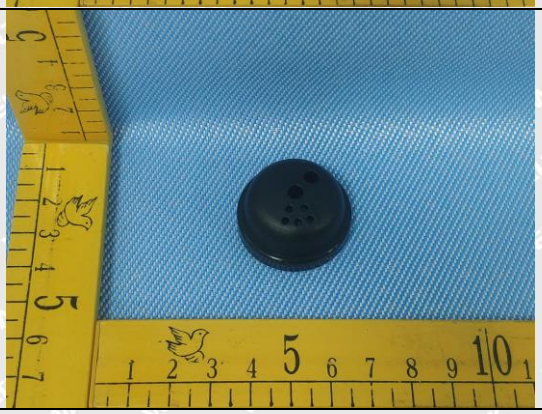
Test Item	Result (mg/kg)	LOQ (mg/kg)	Limit (mg/kg)
	No.7		
Pentachlorophenol (PCP)	ND	0.10	0.15

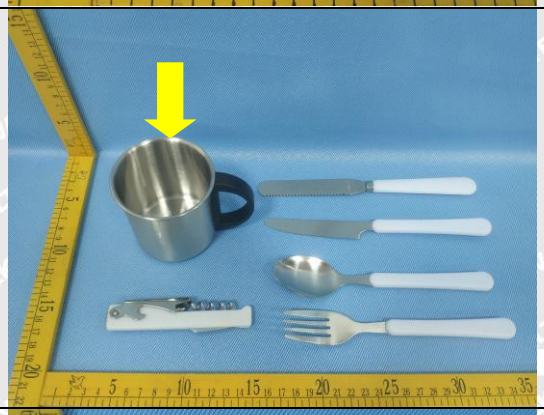
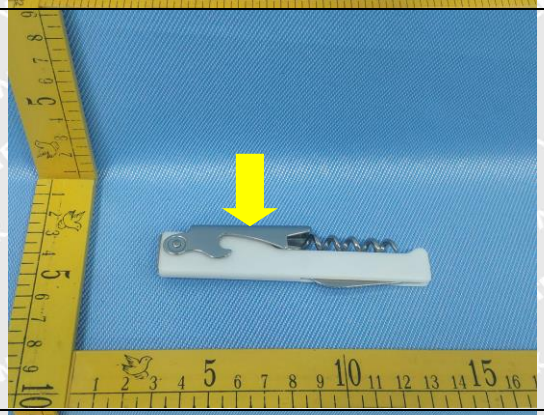
Note:

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. LOQ = Limit of quantitation
4. ND = Not Detected or lower than limit of quantitation
5. The specification was quoted from Council of Europe Resolution AP(2002)1.
6. The testing item marked with ‘*’ does not been accredited by CNAS.

Sample description:
No.1: White plastic (PS)
No.2: Transparent plastic (PS)
No.3: Black plastic (PP)
No.4: White plastic (PP)
No.5: Silvery metal (Stainless steel)
No.6: Silvery metal (Copper)
No.7: Wood

Photograph of parts tested:

No.	Photo of testing part	Parts Description	Client Claimed Material
1		White plastic	PS
2		Transparent plastic	PS
3		Black plastic	PP

No.	Photo of testing part	Parts Description	Client Claimed Material
4		White plastic	PP
5		Silvery metal	Stainless steel
6		Silvery metal	Iron
7		Wood	Wood

Remarks:
1. The results shown in this test report refer only to the sample(s) tested;
2. This test report cannot be reproduced, except in full, without prior written permission of the company;
3. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver;
4. The Applicant name and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which Waltek hasn't verified;
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====== End of Report ======