

TEST REPORT

Report No...... : WTF22F09194547A2F

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

Wan, Kowloon, Hong Kong

Manufacturer 114276

Sample Name PE bottle

Sample Model: MO9538

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

amendments, Council of Europe Resolution AP(2004)4

and Regulation (EC) No 1935/2004.

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

Date of Receipt sample : 2022-09-26 & 2022-10-25

Testing period: 2022-09-26 to 2022-10-17 & 2022-10-25 to 2022-11-11 &

2022-11-25 to 2022-12-01

Date of Issue..... : 2022-12-01

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

Prepared By:

Waltek Testing Group (Foshan) Co., Ltd.

Address: No.13-19, 2/F., 2nd Building, Sunlink International Machinery City, Chencun, Shunde District, Foshan, Guangdong, China Tel:+86-757-23811398 Fax:+86-757-23811381 E-mail:info@waltek.com.cn

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

Jessise Liu

Jessise.Liu



Test Results:

1. Overall Migration Test

	TEX TEX OUT	R	esult (mg/dm		at at	
Food Simulant Test Condition		at the	No.1	LOQ	Limit	
	TER WALTER WALTER	1 st Migration	2 nd Migration	3 rd Migration	(mg/dm ²)	(mg/dm ²)
3% Acetic Acid	100°C for 2 hours	ND	ND	ND	3 3	10
10% Ethanol	100°C for 2 hours	ND	MD M	ND	3	10

	TEX DIFER MITE	Result (mg/dm²)			T 24	
Food Simulant	Test Condition	LEX S	No.2	LOQ	Limit	
NLIEK WHITEK WAL	TER WALTER WALTE	1 st Migration	2 nd Migration	3 rd Migration	(mg/dm ²)	(mg/dm ²)
3% Acetic Acid	100°C for 2 hours	ND	ND	ND -	50t3 50th	10
10% Ethanol	100°C for 2 hours	ND	ND ND	ND	3	10

Note:

- 1. Test method: With reference to BS EN 1186-1: 2002 and BS EN 1186-3: 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.

Ford Circulant	Tack Condition	Result	(mg/kg)	LOQ	Limit	
Food Simulant	ood Simulant Test Condition		No.4	(mg/kg)	(mg/kg)	
3% Acetic Acid	100°C for 2 hours	ND	ND ND	20	60	
10% Ethanol	100°C for 2 hours	ND	ND +	20	60	

- 1. Test method: With reference to BS EN 1186-1: 2002 and BS EN 1186-3: 2002.
- 2. "mg/kg" = Milligram per kilogram of foodstuff in contact with
- 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)4.



2. Specific Migration of heavy metal

	20, 20,	Result(mg/kg)	WILLER MULTER	White white		
Test Items	ALTER WALTE	No.1	- 14	LOQ (mg/kg)	Limit (mg/kg)	
whi we the the till a	1 st Migration	2 nd Migration	3 rd Migration	(g/i.g/	Limit (mg/kg)	
Specific migration of Nickel	ND	ND ND	ND	0.01	0.02	
Specific migration of Aluminium	J/ND J	ND	ND	0.1	t must mi	
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 ND	0.01	0.6	
Specific migration of Manganese	ND	ND	ND ND	0.01	0.6	
Specific migration of Zinc	ND	ND	ND	0.1	5 (1)	
Specific migration of Antimony	ND A	ND	ND	0.01	0.04	
Specific migration of Arsenic	ND	TEND TEN	ND	0.01	Not detected (<0.01)	
Specific migration of Cadmium	ND	ND	ND NIT	0.002	Not detected (<0.002)	
Specific migration of Chromium	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	ND ND	0.02	- 13	
Specific migration of Gadolinium	ND	ND	ND TO	0.02	Sur 0.05	
Specific migration of Lanthanum	ND	ND	ND	0.02	Sum<0.05	
Specific migration of Terbium	ND	ND N	ND	0.02	it it	



	70, 70,	Result(mg/kg)	WITE WALLE	WILL WILL		
Test Items	ALTER MALTE	No.2	40	LOQ (mg/kg)	Limit (mg/kg)	
with with the lifet w	1 st Migration	2 nd Migration	3 rd Migration	. Log (mg/kg)	Limit (mg/kg)	
Specific migration of Nickel	ND	ND OF	ND	0.01	0.02	
Specific migration of Aluminium	ND W	ND	ND	0.1	t 11 1	
Specific migration of Barium	ND	ND	ND	0.1	1	
Specific migration of Cobalt	ND	ND	ND OF	0.01	0.05	
Specific migration of Copper	ND	an ND an	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 0	
Specific migration of Antimony	ND (ND	ND	0.01	0.04	
Specific migration of Arsenic	ND	ND	ND	0.01	Not detected (<0.01)	
Specific migration of Cadmium	ND	LITE ND LITE	ND	0.002	Not detected (<0.002)	
Specific migration of Chromium	ND	ND ND	ND IT	0.01	Not detected (<0.01)	
Specific migration of Mercury	ND	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	ND	0.02	EF CEF	
Specific migration of Gadolinium	ND	ND	an ND and	0.02	Sum of of	
Specific migration of Lanthanum	ND	ND	ND TO	0.02	Sum<0.05	
Specific migration of Terbium	ND	ND	ND	0.02	At All	



	20, 20,	Result(mg/kg)	WITE WITE	White white		
Test Items	NLTER WALTE	No.3	24	LOQ (mg/kg)	Limit (mg/kg)	
whi whi whi itek is	1 st Migration	2 nd Migration	3 rd Migration	_ Log (mg/kg)	Limit (mg/kg)	
Specific migration of Nickel	ND	ND O	ND	0.01	0.02	
Specific migration of Aluminium	ND N	ND	ND	0.1	t 11 1	
Specific migration of Barium	ND	ND	ND	0.1	1	
Specific migration of Cobalt	ND	ND	ND OF	0.01	0.05	
Specific migration of Copper	ND	an ND an	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 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 (<0.01)	
Specific migration of Cadmium	ND	LITE ND LITE	ND	0.002	Not detected (<0.002)	
Specific migration of Chromium	ND	ND ND	ND IT	0.01	Not detected (<0.01)	
Specific migration of Mercury	ND	ND	ND TO	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	ND	0.02	Et JEt	
Specific migration of Gadolinium	ND	ND	an ND and	0.02	0	
Specific migration of Lanthanum	ND	ND	ND ND	0.02	Sum<0.05	
Specific migration of Terbium	ND ND	ND	ND	0.02	LET LEY	



	20, 20,	Result(mg/kg	WITER WILLES	Limit (mg/kg)		
Test Items	OLIER WALTE	No.4	LOQ (mg/kg)			
the tex tex rest in a	1 st Migration	2 nd Migration	3 rd Migration	Log (mg/ng)	Limit (mg/kg)	
Specific migration of Nickel	ND	ND	ND	0.01	0.02	
Specific migration of Aluminium	ND W	ND	ND	0.1	t 51t 55	
Specific migration of Barium	ND	ND	ND	0.1	1	
Specific migration of Cobalt	ND	ND	ND OF	0.01	0.05	
Specific migration of Copper	ND	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 (<0.01)	
Specific migration of Cadmium	ND	ALTE ND LITE	ND	0.002	Not detected (<0.002)	
Specific migration of Chromium	ND	ND of	IND IN	0.01	Not detected (<0.01)	
Specific migration of Mercury	ND	ND	ND TO	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	ND	0.02	Ek JEK	
Specific migration of Gadolinium	ND	ND	ND ND	0.02	0 0.05	
Specific migration of Lanthanum	ND	ND	ND ND	0.02	Sum<0.05	
Specific migration of Terbium	ND W	ND	ND	0.02	All All	

- 1. Test Method: With reference to BS EN 13130-1: 2004, sample preparation in 3% acetic acid at 100°C for 6 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. Migration of N-Nitrosamine and N-Nitrosatable Substances

Mur. Mur. Mr. Mr.	Result (mg/kg)					
Test Items	No.3					
A LET THE THE STEET ON	N-nitrosamines	N-nitrosatable substances				
N-nitrosodimethylamine (NDMA)	<0.01	<0.1				
N-nitrosodiethylamine (MDEA)	<0.01	<0.1				
N-nitrosodipropylamine (NDPA)	<0.01	<0.1				
N-nitrosodibutylamine (NDBA)	<0.01	<0.1				
N-nitrosopiperidine (NPIP)	<0.01	+ 10+ 10+<0.1				
N-nitrosopyrrolidine (NPYR)	<0.01	<0.1				
N-nitrosomorpholine (NMOR)	<0.01	<0.1				
N-nitrosomethylphenylamine (NMPhA)	<0.01	<0.1				
N-nitrosoethylphenylamine (NEPhA)	<0.01	<0.1				
N-nitrosodibenzylamine (NDBzA)	<0.01	<0.1				
N-nitroso-n, n-di-(7-methyloctyloctyl) amine (NDINA)	<0.01	White <0.1 White				
Sum of above N-nitrosamines and N-nitrosatable substances	<0.01	<0.1				
Limit of the tief will	JULY 10.01	0.1				



men men men men men	Res	sult (mg/kg)	
Test Items	70° 711° 70° 4	No.4	
A LET THE THE LITTER ON	N-nitrosamines	N-nitrosatable substance	
N-nitrosodimethylamine (NDMA)	<0.01	<0.1	
N-nitrosodiethylamine (MDEA)	<0.01	<0.1	
N-nitrosodipropylamine (NDPA)	(1.01 of the same	<0.1	
N-nitrosodibutylamine (NDBA)	<0.01	50 and <0.1 M	
N-nitrosopiperidine (NPIP)	<0.01	4 (c) <0.1	
N-nitrosopyrrolidine (NPYR)	<0.01	<0.1	
N-nitrosomorpholine (NMOR)	<0.01	<0.1	
N-nitrosomethylphenylamine (NMPhA)	<0.01	<0.1	
N-nitrosoethylphenylamine (NEPhA)	<0.01	<0.1	
N-nitrosodibenzylamine (NDBzA)	<0.01	<0.1	
N-nitroso-n, n-di-(7-methyloctyloctyl) amine (NDINA)	<0.01	White <0.1 Pt White	
Sum of above N-nitrosamines and N-nitrosatable substances	<0.01	<0.1	
Limit At 18th 18th 18th 18th	with 10.01	0.1	

- 1. Test method: With reference to EN 12868:2017, extraction with Artificial saliva at 40°C for 24 hours, followed by GC-MS analysis.
- 2. "mg/kg" = Milligrams per kilogram
- 3. "<" = less than
- 4. The specification was quoted from Council of Europe Resolution AP(2004)4.



4. Bisphenol A Content

Took House	2/12 2/1	Result	(mg/kg)	1.00 (mg/kg)	Limit (mag/leg)	
Test Item	No.1	No.2	No.3	No.4	LOQ (mg/kg)	Limit (mg/kg)
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.

5. Specific Migration of Primary Aromatic Amines

my my my	R	tesult (mg/kg	g) (The Mill Mury	145 141 1
Test Item	No.5			LOQ (mg/kg)	Limit (mg/kg)
	1 st Migration	2 nd Migration	3 rd Migration	AN WATER	LIEK WALTER WALTE
Migration of Primary aromatic amines	ND	ND N	ND	0.01	Not Detected

	R	esult (mg/k	g)	ALTE		
Test Item	No.6			LOQ (mg/kg)	Limit (mg/kg)	
	1 st Migration	2 nd Migration	3 rd Migration	White while		
Migration of Primary aromatic amines	ND	ND	ND	0.01	Not Detected	

- 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 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.



Test Item	R	esult (mg/k	g) /	LOQ (mg/kg)	Limit (mg/kg)	
THE TIES WITH MITTER	1 st Migration	2 nd Migration	3 rd Migration		Tet Tet	
Migration of Primary aromatic amines	ND	ND	ND	0.01	Not Detected	

the test tiest with the	et nite R	esult (mg/k	g) V	71. 21.	et let it	
Test Item	- Let	No.8	EK WALTER	LOQ (mg/kg)	Limit (mg/kg)	
MUNITER MULTER MULTER WALTE	1 st Migration	2 nd Migration	3 rd Migration	LIEK WALTER WALTE	MULTER MULTERY	
Migration of Primary aromatic amines	ND	ND	ND	0.01	Not Detected	

- 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 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 Council of Europe Resolution AP (2004)4.



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

entity with the min	24 2.	, J.F	Result(mg/ko	g) - C	WITE AL	Limit
Test Items	CAS No.	The .	No.5	10,	LOQ	
restitems	CAS NO.	1 st Migration	2 nd Migration	3 rd Migration	(mg/kg)	(mg/kg)
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	₩D W	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 C	ND	0.002	ND
3,3'-Dimethylbenzidine	119-93-7	ND N	ND	ND	0.002	ND
2-Methoxy-5-methylaniline	120-71-8	ND	ND	ND	0.002	ND N
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 O	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 O	ND	0.002	ND
2,4-Aminoazotoluene	97-56-3	ND a	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 O	ND	ND	0.002	ND
1, 3 - phenylene diamine	108-45-2	ND	ND	ND	0.002	ND.



e aver mus mor mus	211 20	Result(mg/kg) No.6			LOQ	Limit
Test Items	CAS No.					
restitents	CAS NO.	1 st Migration	2 nd Migration			(mg/kg)
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	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 O	ND	0.002	ND
3,3'-Dimethylbenzidine	119-93-7	ND 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 S	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 O	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 W	ND	ND	0.002	ND
2-Amino-4-nitrotoluene	99-55-8	ND (ND	ND N	0.002	ND V
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.



	2/1 2.	Result(mg/kg)			WITE OF	Limit
Test Items	CAS No.	in in	No.7			
1 GOL HEITIS		1 st Migration	2 nd Migration	3 rd Migration	(mg/kg)	(mg/kg)
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	and a	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 C	ND	0.002	ND
3,3'-Dimethylbenzidine	119-93-7	an ND an	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 O	ND	0.002	ND
2,4-Aminoazotoluene	97-56-3	AND AN	ND	ND	0.002	ND
2-Amino-4-nitrotoluene	99-55-8	ND	ND	ND N	0.002	ND V
2,4-Xylidin	95-68-1	ND	ND	ND	0.002	ND
2,6-Xylidin	87-62-7	ND C	ND	ND	0.002	ND
1, 3 - phenylene diamine	108-45-2	ND	ND	ND	0.002	ND.



in with my mer war	211 20	Result(mg/kg) No.8			LOQ	Limit
Test Items	CAS No.					
rescitents		1 st Migration	2 nd Migration	3 rd Migration	(mg/kg)	(mg/kg)
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 C	0.002	ND
4,4'-Diaminodiphenylmethane	101-77-9	ND	JUND O	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 O	ND	0.002	ND
3,3'-Dimethylbenzidine	119-93-7	ND ND	ND	ND	0.002	ND
2-Methoxy-5-methylaniline	120-71-8	ND	ND	ND	0.002	ND S
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	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 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 W	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	of ND	ND	ND	0.002	ND
1, 3 - phenylene diamine	108-45-2	ND	ND	ND	0.002	ND.

- 1. Test Method: With reference to BS 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.



Sample Photo:



Photograph of parts tested:

No.	Photo of testing part	Parts Description	Client Claimed Material
		tet tet ritet o	TEX WITER WITER WITE
WALTE		White plastic	MULTER WHITER
		MULTER MULTER MULTER	White white white w
111	5 , 5 , 7 s , 10 11 12 13 11 5 16 12 18 10 20 21 22 22 22 23 23 23 23 23 24 25 26 27 28 23	One with the course	After Murit Muri Mu



No.	Photo of testing part	Parts Description	Client Claimed Material
white was a second of the seco		Blue plastic	JANUTER WHITEK
WILLEY ALTER WILL WILL WILL WILL WILL WILL WILL WIL	1 2 3 4 5 6 7 8 9 1	Blue rubber	TPR Whitek
JUNE WALLER	1 2 3 4 5 6 7 8 9 10 11 12 13 14	Transparent rubber	TPR TELL INTERVIOLEN
TEX WAS STORY OF THE STREET OF	5. 5. 7 8 9 10 H R 3 H 15 16 H 18 19 20 22 22 22 25 27 22 20 22 22 22 25 27 22 20 22 22 22 25 27 22 20 20 22 22 20 25 27 22 20 20 20 20 20 20 20 20 20 20 20 20	White plastic	PE (Sample received at 2022-11-25)



No.	Photo of testing part	Parts Description	Client Claimed Material
		Blue plastic	PP (Sample received at 2022-11-25)
MITER NUTER NUTER NUTER NUTER		Blue rubber	TPR (Sample received at 2022-11-25)
AND THE MAN TH		Transparent rubber	TPR (Sample received at 2022-11-25)

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;
- 5. If the report is not stamped with the accreditation recognized seal, it will only be used for scientific research, education, and internal quality control activities, and is not used for the purpose of issuing supporting data to the society.

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