Woolworth GmbH

TEST REPORT

Technical Report: **(7221)362-0143** February 15, 2022

Date Received: December 28, 2021

CLIENT NAME: WOOLWORTH GMBH
COMPANY NAME: DEPA EV VE MUTF. GER. SAN. VE TİC. LTD. ŞTİ.
STREET ADDRESS: SÜLEYMANİYE MAH. İSMETİYE CAD. NO:10 GİRİŞ KAT 1-2-3-4 FATİH
CITY, STATE, ZIP İSTANBUL
COUNTRY İSTANBUL

Sample Description: Sample(s) received is/are stated to be: ACRYLIC KITCHENWARE-TUMBLER, BOWL, JUG, SNACK BOWL, TIER TRAY, FRUIT BOWL

Color/ Style Definition:	/	Woolworth Order No.:	296348/00-295739/00-297391/00-299713/00-301517/00-302505/00-298896/00-298586/00-296402/00-302291/00-295981/00-295461/00-300129/00
Season:	122	Woolworth WGR No.:	803-805
Order No.:	/	Fiber Content:	/
Style No.:	1914-082 Transparent Acrylic Tower Jug 1.5 lt	Fabric Mill:	/
Age Grade:	/	Country of Origin:	TURKEY
Product End Use:	/	Country of Destination:	/
Garment Factory:	/	Care Instruction:	/
Test Period:	December 28, 2021- February 14, 2022	No. of Working Days:	36
Test Package:	/	Retest Number:	/

SAMPLE DESCRIPTION ASSIGNED BY LABORATORY:

ITEM	ITEM DESCRIPTION
I001	TRANSPARENT GREY PLASTIC (AS/SAN)

BV CPS TEST LABORATUVARLARI LTD. STI.
BUREAU VERITAS CONSUMER PRODUCTS SERVICES
Yalçın Koreş Caddesi No:22 Erdinç Binaları A Blok 2. Kule 1. Kat 34209 Güneşli, Istanbul / Turkey
Tel:+90.212.494 35 35 Fax:+90.212.494 35 60
email:info.turkey@bvcps.com.tr website: www.bureauveritas.com/cps

SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION	FAILED COMPONENT(S)	REMARK
Overall Migration with 3% Acetic Acid for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245*	PASS		
Overall Migration with 10% Ethanol for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245*	PASS		
Overall Migration with 20% Ethanol for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245*	PASS		
Specific Migration of Heavy Metals for Plastic Materials in Contact with Foodstuffs – Commission Regulation (EU) 2020/1245	PASS		
Phthalates*	PASS		
Polycyclic Aromatic Hydrocarbons (PAHs)*	PASS		
Sensory Test (Odour and Taste) - Water	PASS		
Colorfastness Of Plastics	PASS		
Specific Migration of Acrylonitrile for Plastic Materials in Contact with Foodstuffs – Commission Regulation (EU) No. 2020/1245	PASS		
Overall Migration with Olive Oil Test for Plastic Materials in Contact with Foodstuffs – Commission Regulation (EU) No. 2020/1245	PASS		
Volatile Organic Matter Content	PASS		

REMARK

If there are questions or concerns on this report, please contact:

+90 212 494 35 35
eylem.yaldizli@bureauveritas.com
kerem.can@bureauveritas.com

REMARK 2: "Specific Migration of Acrylonitrile for Plastic Materials in Contact with Foodstuffs – Commission Regulation (EU) No. 2020/1245, Overall Migration with Olive Oil Test for Plastic Materials in Contact with Foodstuffs – Commission Regulation (EU) No. 2020/1245 " analysis have been performed by BV- Hong Kong Laboratories as subcontracted.

[Report No : [(6621)364-1527].

Bureau Veritas Consumer Products Services Turkey
BV CPS Test Lab. Ltd. Sti.

Eylem Yaldizli Murat
Senior Client Team Lead -Hardline

Kerem Can
Operations Manager

-Photo of the Submitted Sample-

TEST RESULTS

Overall Migration with 3% Acetic Acid for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245*			
Test Method:	With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1 for selection of test methods;		
	EN 1186-9 aqueous food simulants by article filling method		
Test Conditions:	10 days at 40ºC , 3rd cycle		
Simulant Used:	3% Acetic Acid (W/V) Aqueous Solution		
Result(s) (mg/dm^2)			
	I001		
	1st Migration	**2nd Migration**	**3rd Migration**
Trial 1 :	<2.5	<2.5	<2.5
Trial 2 :	<2.5	<2.5	<2.5
Trial 3 :	<2.5	<2.5	<2.5
Average :	<2.5	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm^2 = milligram per square decimeter of foodstuff in contact with

Reporting Limit :	2,5 mg/dm^2
Permissible Limit :	10 mg/dm^2

Remark(s) :	**1.**	Permissible limit specified by Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm^2 or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments.
	4.	The volume of simulant used is 0.25 L.
	5.	The ratio of surface area to volume ratio is 1.7 dm^2 per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 10/2011 of 14 January 2011 Article 17.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

TEST RESULTS

Overall Migration with 10% Ethanol for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245*			
Test Method:	With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1 for selection of test methods;		
	EN 1186-9 aqueous food simulants by article immersion method		
Test Conditions:	10 days at 40ºC , 3rd cycle		
Simulant Used:	10% Ethanol (W/V) Aqueous Solution		
Result(s) (mg/dm^2)			
	I001		
	1st Migration	**2nd Migration**	**3rd Migration**
Trial 1 :	<2.5	<2.5	<2.5
Trial 2 :	<2.5	<2.5	<2.5
Trial 3 :	<2.5	<2.5	<2.5
Average :	<2.5	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm^2 = milligram per square decimeter of foodstuff in contact with

Reporting Limit :	2,5 mg/dm^2
Permissible Limit :	10 mg/dm^2

Remark(s) :	**1.**	Permissible limit specified by Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm^2 or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments.
	4.	The volume of simulant used is 0.25 L.
	5.	The ratio of surface area to volume ratio is 1.7 dm^2 per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 10/2011 of 14 January 2011 Article 17.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

TEST RESULTS

Overall Migration with 20% Ethanol for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245*			
Test Method:	With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1 for selection of test methods;		
	EN 1186-9 aqueous food simulants by article immersion method		
Test Conditions:	10 days at 40ºC , 3rd cycle		
Simulant Used:	20% Ethanol (W/V) Aqueous Solution		
Result(s) (mg/dm^2)			
	I001		
	1st Migration	**2nd Migration**	**3rd Migration**
Trial 1 :	<2.5	<2.5	<2.5
Trial 2 :	<2.5	<2.5	<2.5
Trial 3 :	<2.5	<2.5	<2.5
Average :	<2.5	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm^2 = milligram per square decimeter of foodstuff in contact with

Reporting Limit :	2,5 mg/dm^2
Permissible Limit :	10 mg/dm^2

Remark(s) :	**1.**	Permissible limit specified by Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm^2 or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments.
	4.	The volume of simulant used is 0.25 L.
	5.	The ratio of surface area to volume ratio is 1.7 dm^2 per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 10/2011 of 14 January 2011 Article 17.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

TEST RESULTS

Specific Migration of Heavy Metals for Plastic Materials in Contact with Foodstuffs – Commission Regulation (EU) No. 2020/1245*

Test Condition: 3% Acetic acid: 40°C, 10 days, 3 cycle

Parameter	Simulant Used	Unit	Results	Maximum Allowable Limit
			I001	
Food contact surface area	-	dm^2	1.7	-
Volume of simulant used	-	mL	250	-
Aluminum (Al)	3% Acetic acid	mg/kg	<0.1	1
Barium (Ba)	3% Acetic acid	mg/kg	<0.1	1
Cobalt (Co)	3% Acetic acid	mg/kg	<0.01	0.05
Copper (Cu)	3% Acetic acid	mg/kg	<0.5	5
Iron (Fe)	3% Acetic acid	mg/kg	<5	48
Lithium (Li)	3% Acetic acid	mg/kg	<0.1	0.6
Manganese (Mn)	3% Acetic acid	mg/kg	<0.1	0.6
Zinc (Zn)	3% Acetic acid	mg/kg	<3	5
Nickel (Ni)	3% Acetic acid	mg/kg	<0.01	0.02
Antimony (Sb)	3% Acetic acid	mg/kg	<0.01	0.04
Europium (Eu)	3% Acetic acid	mg/kg	<0.01	0.05
Gadolinium (Gd)	3% Acetic acid	mg/kg	<0.01	0.05
Lanthanum (La)	3% Acetic acid	mg/kg	<0.01	0.05
Terbium (Tb)	3% Acetic acid	mg/kg	<0.01	0.05
Sum of Europium (Eu), Gadolinium (Gd), Lanthanum (La), and Terbium (Tb)	3% Acetic acid	mg/kg	<0.01	0.05
Arsenic (As)	3% Acetic acid	mg/kg	<0.01	ND
Cadmium (Cd)	3% Acetic acid	mg/kg	<0.002	ND (0.002)
Chromium (Cr)	3% Acetic acid	mg/kg	<0.01	ND
Lead (Pb)	3% Acetic acid	mg/kg	<0.01	ND
Mercury (Hg)	3% Acetic acid	mg/kg	<0.01	ND
Conclusion	**-**	-	PASS	-

Note: "<" = less than
mg/kg = milligram per kilogram

Method: EN 13130-1: 2004 and analysis by Inductively Coupled Argon Plasma Spectrometer (ICP).

Remark: 1) The migration test is carried out according to EC Regulation No. 2020/1245

2) Selected tests were specified by client.

TEST RESULTS

Visible Color Migration from Plastic Material Coming Into Contact with Foodstuffs

Test method: CPSD-AN-00109-MTHD

Tested Item(s) I001	Result	Permissible Limit	Conclusion
Visible Colour Migration	No Colour Release Observed	No Colour Release	PASS

TEST RESULT

Sensory Test (Odour and Taste) - Simulant Water

Test method: BV CPS In House Method, CPSD-AN-00084-MTHD, DIN 10955

Test condition: Water , 10 days – 40^{0}C

-	Results				Conc.
Tested Item(s)	**Parameter**	**Limit**	**Conc.**	**Unit**	
I001	Change of Odour	≤ 2.5	0.7	-	Pass
	Change of Taste	≤ 2.5	1.0	-	Pass

Off-odour in comparison with control

0 = no perceptible off-odour
1 = off-odour just perceptible (but still difficult to define)
2 = slight off-odour
3 = distinct off-odour
4 = strong off-odour

Off-taste in comparison with control

0 = no perceptible off-taste
1 = off-taste just perceptible (but still difficult define)
2 = slight off-taste
3 = distinct off-taste
4 = strong off-taste

TEST RESULT

Volatile Organic Matter in Plastic and Rubber

Test Method **:** In House Test Method CPSD-AN-00022-MTHD

Test Conditions **:** 90°C, 24 hours.

Parameter	Unit	Result	Requirement
		I001	
Volatile Organic Matter	mg/dm^2	4.1	15
Conclusion	-	PASS	-

Note:"<" = less than Method:Gravimetric method.
Remark: The limit refers to BfR Recommendation XV

TEST RESULTS

PHTHALATES

Test Method : BV In-house Test Method CPSD-AN-00095-MTHD
Solvent extraction and analysis by Gas Chromatograph Mass Spectrometer (GC-MS) or Liquid Chromatograph Mass Spectrometer (LC-MS).

Limit:	**1000 mg/kg (Each)**

-	Results			Conclusion
Tested Item(s)	**Detected Analytes**	**Conc.**	**Unit**	
I001	DBP (Dibutylphthalate)	ND	mg/kg	PASS
	BBP (Butylbenzylphthalate)	ND	mg/kg	PASS
	DEHP (Di(2-ethylhexyl)-phthalate)	ND	mg/kg	PASS
	DNOP (Di-n-octylphthalate)	ND	mg/kg	PASS
	DIDP (Diisodecylphthalate)	ND	mg/kg	PASS
	DINP (Di-iso-nonylphthalate)	ND	mg/kg	PASS
	DIBP (Diisobuty phthalate)	ND	mg/kg	PASS
	DHNUP (1,2 – Benzenedicarboxylic acid, di-C7-11 branched and linear alkyl esters)	ND	mg/kg	PASS
	DIHP (1,2 – Benzenedicarboxylic acid, di-C6-8 branched alkyl ester, C7-rich)	ND	mg/kg	PASS
	DMEP (Bis(methoxyethyl) phthalate)	ND	mg/kg	PASS
	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	ND	mg/kg	PASS
	iPnPP (N-pentyl-isopentylphthalate)	ND	mg/kg	PASS
	DiPP (Diisopentylphthalate)	ND	mg/kg	PASS
	Sum	ND	mg/kg	PASS
	Overall Conclusion	-	-	**PASS**

Remark1: Note:
ND = Not detected
% = percent = 10000 mg/kg
Detection Limit (mg/kg): Each 50; Sum 150
">" = More than
mg/kg = milligram per kilogram
Conc. = Concentration

Remark2:
- The list of phthalates is summarized in table of Appendix Remark3:
Recommended Max. limit specified by entries 51 and 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC

TEST RESULTS

POLYCYCLIC AROMATIC HYDROCARBONS (PAHs)

Test method: With reference to test method mentioned in German AfPS GS 2014:01 PAK.

Parameter	Unit	Results	Requirements by Client
-	-	**I001**	
Naphthalene	mg/kg	ND	Each of 18 PAHs < 0.2 mg/kg
Benzo (a) anthracene (BaA)	mg/kg	ND	
Chrysene (CHR)	mg/kg	ND	
Benzo (b) fluoranthene (BbF)	mg/kg	ND	
Benzo (j) fluoranthene (BjF)	mg/kg	ND	
Benzo (k) fluoranthene (BkF)	mg/kg	ND	
Benzo (e) pyrene (BaP)	mg/kg	ND	
Benzo (a) pyrene (BeP)	mg/kg	ND	
Indeno (1,2,3-cd) pyrene (IPY)	mg/kg	ND	
Dibenzo (a,h) anthracene (DBA)	mg/kg	ND	
Benzo (g,h,i) perylene (BPE)	mg/kg	ND	
Acenaphtylene (ACY)	mg/kg	ND	
Acenaphtene (ACE)	mg/kg	ND	
Fluorene (FLU)	mg/kg	ND	
Phenanthrene (PHE)	mg/kg	ND	
Anthracene (ANT)	mg/kg	ND	
Fluoranthene (FLT)	mg/kg	ND	
Pyrene (PYR)	mg/kg	ND	
Conclusion	-	**PASS**	

Remark1:
Note: ND = Not detected ">" = More than Conc. = Concentration
% = percent = 10000 mg/kg mg/kg = milligram per kilogram Detection Limit (mg/kg): Each 0.2

Remark2:
- The list of phthalates is summarized in table of Appendix

TEST RESULT

Overall Migration Test for Plastic Materials in Contact with Foodstuffs – Commission Regulation (EU) No. 2020/1245

Test Condition: OM 2: 10 day at 40 °C (Olive oil)

Simulant Used	Unit	Result			Maximum Allowable Limit(3rd)	Analytical Tolerance
		I001				
		1st Migrate	2nd Migrate	3rd Migrate		
Food contact surface area	dm^2	0.48			-	-
Volume of stimulant used	mL	48			-	-
Olive oil	mg/dm^2	26.94	<5	<5	10	+3
Conclusion	-	PASS			-	-

Note: "<" = less than
mg/dm^2 = milligram per square decimeter

Method: EN 1186-1: 2002;EN 1186-2: 2002;

Remark: 1) The migration test is carried out according to EC Regulation No. 2020/1245

2) For article intended for repeated use, the migration tests are carried out three times on the same test sample.

3) The test condition and simulant used were specified by client.

4) Selected test was specified by client.

TEST RESULT

Specific Migration of Acrylonitrile for Plastic Materials in Contact with Foodstuffs – Commission Regulation (EU) No 2020/1245

Test Condition: 10 day at 40 °C (3% Acetic acid)

Parameter	Simulant Used	Unit	Result			Maximum Allowable Limit
			I001			
			1st Migrate	2nd Migrate	3rd Migrate	
Food contact surface area	-	dm^2	8.14			-
Volume of stimulant used	-	mL	1500			-
Acrylonitrile	3% Acetic acid	mg/kg	<0.01	<0.01	<0.01	Not Detected
Conclusion	-	-	PASS			-

Note: "<" = less than
mg/kg = milligram per kilogram

Method: EN 13130-1: 2004 and EN 13130-3:2004.

Remark: 1) The migration test is carried out according to EU regulation No. 2020/1245.

2) Due to the fact that SML for Acrylonitrile is specified as not detectable meaning < 0.01 mg/kg, assessment has to be performed using the 1st migrate in any case no matter whether article/materials is intended for single or repeated use.

3) The test condition and simulant used were specified by client.

4) Selected test was specified by client.

-END OF REPORT-

Woolworth GmbH
TEST REPORT

Technical Report: (7222)329-0095-R1

February 02, 2023

Date Received: November 25, 2022
Reconfirmation Date: /
Revision Date: February 02, 2023

CLIENT NAME WOOLWORTH GMBH
COMPANY NAME DEPA EV VE MUTF. GER. SAN. VE TIC. LTD. STI.
STREET ADDRESS SULEYMANIYE MH. ISMETIYE CD NO:10
CITY, STATE, ZIP FATIH
COUNTRY ISTANBUL

Sample Description: Sample(s) received is/are stated to be:
1.5 L Krug 'Timeless'

Color/ Style Definition:	Transparent / Smoked Grey	Woolworth Order No.:	312996/00
Season:	123	Woolworth WGR No.:	803
Order No.:	2000009895629 - 2000009895636	Fiber Content:	San Acrylic
Style No.:	1563-150 Charisma Transparent Jug 1.5 Lt. 4530-150 Charisma Smoked Gray Jug 1.5 Lt.	Fabric Mill:	/
Age Grade:	/	Country of Origin:	TURKEY
Product End Use:	150 Charisma Jug 1.5 Lt.	Country of Destination:	TURKEY
Garment Factory:	/	Care Instruction:	/
Test Period:	November 25, 2022 to January 16, 2023	No. of Working Days:	37
Test Package:	/	Retest Number:	/

SAMPLE DESCRIPTION ASSIGNED BY LABORATORY:

ITEM	ITEM DESCRIPTION
I001	Smoked Grey Plastic

BV CPS TEST LABORATUVARLARI LTD. STI.
BUREAU VERITAS CONSUMER PRODUCTS SERVICES
Yalçın Koreş Caddesi No:22 Erdinç Binaları A Blok 2. Kule 1. Kat 34209 Güneşli, Istanbul / Turkey
Tel:+90.212.494 35 35 Fax:+90.212.494 35 60
email:info.turkey@bvcps.com.tr website: www.bureauveritas.com/cps

SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION	FAILED COMPONENT(S)	REMARK
Overall Migration with 3% Acetic Acid for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245*	PASS		
Overall Migration with 20% Ethanol for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 10/2011 and Its Amendments*	PASS		
Overall Migration with 50% Ethanol for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 10/2011 and Its Amendments*	PASS		
Specific Migration of Heavy Metals for Plastic Materials in Contact with Foodstuffs – Commission Regulation (EU) 2020/1245	PASS		
Volatile Organic Matter in Plastic and Rubber	PASS		
Sensory Test (Odour and Taste)	PASS		
Colorfastness Of Plastics	PASS		
Phthalates*	PASS		
Polycyclic Aromatic Hydrocarbons (PAHs)*	PASS		
Specific Migration of Acrylonitrile for Plastic Materials in Contact with Foodstuffs – Commission Regulation (EU) No. 10/2011 and Its Amendments	PASS		

REMARK

If there are questions or concerns on this report, please contact:

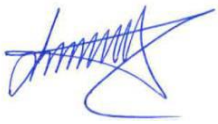
+90 212 494 35 35
muhammet.ozbay@bureauveritas.com

I. (7222)329-0095 test report (dated January 16, 2023) is not valid, it is replaced by this report (7222)329-0095-R1

II. As per client's request "Order number" has been added to test report.
As per client's request "Specific Migration of Acrylonitrile for Plastic Materials in Contact with Foodstuffs – Commission Regulation (EU) No. 10/2011 and Its Amendments" test has been added to test report.

III. "Specific Migration of Acrylonitrile for Plastic Materials in Contact with Foodstuffs – Commission Regulation (EU) No. 10/2011 and Its Amendments" test analysis has been performed by BV-HONG KONG Laboratories as subcontracted. [Report No: (5222)343-0272].

Bureau Veritas Consumer Products Services Turkey
BV CPS Test Lab. Ltd. Sti.



Muhammet Ozbay
Client Team Lead

Hasan Altingul
Deputy Operations Manager

-Photo of the Submitted Sample-

TEST RESULTS

Overall Migration with 3% Acetic Acid for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245*			
Test Method:	With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1 for selection of test methods;		
	EN 1186-9 aqueous food simulants by article immersion method		
Test Conditions:	10 days, 40ºC, 3rd cycle		
Simulant Used:	3% Acetic Acid (W/V) Aqueous Solution		
Result(s) (mg/dm^2)			
	I001		
	1st Migration	**2nd Migration**	**3rd Migration**
Trial 1 :	<2.5	<2.5	<2.5
Trial 2 :	<2.5	<2.5	<2.5
Trial 3 :	<2.5	<2.5	<2.5
Average :	<2.5	<2.5	<2.5
Conclusion :	**Pass**		
Note(s) :	n.d. = not detected		
	°C = degree Celsius		
	mg/kg = milligram per kilogram of foodstuff in contact with		
	mg/dm^2 = milligram per square decimeter of foodstuff in contact with		
Reporting Limit :	2,5 mg/dm^2		
Permissible Limit :	10 mg/dm^2		
Remark(s) :	**1.**	Permissible limit specified by Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments.	
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm^2 or 12 mg/kg.	
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments.	
	4.	The volume of simulant used is 0.1 L.	
	5.	The ratio of surface area to volume ratio is 0.6 dm^2 per 1 kg of foodstuff in contact with.	
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 10/2011 of 14 January 2011 Article 17.	
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.	

TEST RESULTS

Overall Migration with 20% Ethanol for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 10/2011 and Its Amendments		
Test Method:	With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1 for selection of test methods;	
	EN 1186-3 aqueous food simulants by total immersion method EN 1186-5 aqueous food simulants by cell method EN 1186-9 aqueous food simulants by article filling method	
Test Conditions:	10 days at 40 °C	(3rd Migration)
Simulant Used:	20% Ethanol (V/V) Aqueous Solution	

Result(s) (mg/dm²)			
I001			
	1st Migration	**2nd Migration**	**3rd Migration**
Trial 1 :	<2.5	<2.5	<2.5
Trial 2 :	<2.5	<2.5	<2.5
Trial 3 :	<2.5	<2.5	<2.5
Average :	<2.5	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm² = milligram per square decimeter of foodstuff in contact with

Reporting Limit :	10 mg/kg – 2,5 mg/dm²
Permissible Limit :	60 mg/kg - 10 mg/dm²

Remark(s) :	**1.**	Permissible limit specified by Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm² or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments.
	4.	The volume of simulant used is 0.1 L.
	5.	The ratio of surface area to volume ratio is 0.6 dm² per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 10/2011 of 14 January 2011 Article 17.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

TEST RESULTS

Overall Migration with 50% Ethanol for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 10/2011 and Its Amendments		
Test Method:	With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1 for selection of test methods;	
	EN 1186-3 aqueous food simulants by total immersion method EN 1186-5 aqueous food simulants by cell method EN 1186-9 aqueous food simulants by article filling method	
Test Conditions:	10 days at 40 ºC	(3rd Migration)
Simulant Used:	50% Ethanol (V/V) Aqueous Solution	

Result(s) (mg/dm^2)			
I001			
	1st Migration	**2nd Migration**	**3rd Migration**
Trial 1 :	5.50	4.17	<2.5
Trial 2 :	5.33	4.00	<2.5
Trial 3 :	4.67	3.67	<2.5
Average :	5.17	3.94	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm^2 = milligram per square decimeter of foodstuff in contact with

Reporting Limit :	10 mg/kg – 2,5 mg/dm^2
Permissible Limit :	60 mg/kg - 10 mg/dm^2

Remark(s) :	**1.**	Permissible limit specified by Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm^2 or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments.
	4.	The volume of simulant used is 0.1 L.
	5.	The ratio of surface area to volume ratio is 0.6 dm^2 per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 10/2011 of 14 January 2011 Article 17.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

TEST RESULTS

Specific Migration of Heavy Metals for Plastic Materials in Contact with Foodstuffs – Commission Regulation (EU) No. 2020/1245*

Test Condition: 3% Acetic acid: 40ºC, 10 days, 3 cycle

Parameter	Simulant Used	Unit	Results I001			Maximum Allowable Limit
			1st cycle	2nd cycle	3rd cycle	-
Food contact surface area	-	dm^2	0.6	0.6	0.6	-
Volume of simulant used	-	mL	100	100	100	-
Aluminum (Al)	3% Acetic acid	mg/kg	<0.1	<0.1	<0.1	1
Barium (Ba)	3% Acetic acid	mg/kg	<0.1	<0.1	<0.1	1
Cobalt (Co)	3% Acetic acid	mg/kg	<0.01	<0.01	<0.01	0.05
Copper (Cu)	3% Acetic acid	mg/kg	<0.5	<0.5	<0.5	5
Iron (Fe)	3% Acetic acid	mg/kg	<5	<5	<5	48
Lithium (Li)	3% Acetic acid	mg/kg	<0.1	<0.1	<0.1	0.6
Manganese (Mn)	3% Acetic acid	mg/kg	<0.1	<0.1	<0.1	0.6
Zinc (Zn)	3% Acetic acid	mg/kg	<3	<3	<3	5
Nickel (Ni)	3% Acetic acid	mg/kg	<0.01	<0.01	<0.01	0.02
Antimony (Sb)	3% Acetic acid	mg/kg	<0.01	<0.01	<0.01	0.04
Europium (Eu)	3% Acetic acid	mg/kg	<0.01	<0.01	<0.01	0.05
Gadolinium (Gd)	3% Acetic acid	mg/kg	<0.01	<0.01	<0.01	0.05
Lanthanum (La)	3% Acetic acid	mg/kg	<0.01	<0.01	<0.01	0.05
Terbium (Tb)	3% Acetic acid	mg/kg	<0.01	<0.01	<0.01	0.05
Sum of Europium (Eu), Gadolinium (Gd), Lanthanum (La), and Terbium (Tb)	3% Acetic acid	mg/kg	<0.01	<0.01	<0.01	0.05
Arsenic (As)	3% Acetic acid	mg/kg	<0.01	<0.01	<0.01	ND
Cadmium (Cd)	3% Acetic acid	mg/kg	<0.002	<0.002	<0.002	ND (0.002)
Chromium (Cr)	3% Acetic acid	mg/kg	<0.01	<0.01	<0.01	ND
Lead (Pb)	3% Acetic acid	mg/kg	<0.01	<0.01	<0.01	ND
Mercury (Hg)	3% Acetic acid	mg/kg	<0.01	<0.01	<0.01	ND
Conclusion	**-**	-	PASS	PASS	PASS	-

Note: "<" = less than
mg/kg = milligram per kilogram

Method: EN 13130-1: 2004 and analysis by Inductively Coupled Argon Plasma Spectrometer (ICP).

Remark: 1) The migration test is carried out according to EC Regulation No. 2020/1245

2) Selected tests were specified by client.

TEST RESULTS

Volatile Organic Matter in Plastic and Rubber

Test Method : In House Test Method CPSD-AN-00022-MTHD

Test Conditions : 90°C, 24 hours.

Parameter	Unit	Result			Requirement
		I001			
		Trial 1	Trial 2	Average	
Volatile Organic Matter	mg/dm^2	1.87	1.87	1.87	1.00
Conclusion	-	**PASS**			-

Note: "<" = less than

Method: Gravimetric method.

Remark: The limit refers to BfR Recommendation XV

TEST RESULTS

Colorfastness Of Plastics

Test method: CPSD-AN-00759-MTHD
Test Condition: 5 hours, 50ºC

Tested Item(s) I001	Result (Grade) %2 Acetic Acid	Result (Grade) 10% Ethanol	Limit (Grade)
Colorfastness	5	5	5
Conclusion	PASS		

TEST RESULT

Sensory Test (Odour and Taste)

Test method: BV CPS In House Method, CPSD-AN-00084-MTHD, DIN 10955

Test condition: Water , 10 days at 40ºC

-	Results				Conc.
Tested Item(s)	**Parameter**	**Limit**	**Conc.**	**Unit**	
I001	Change of Odour	≤ 2.5	0.0	-	Pass
	Change of Taste	≤ 2.5	0.0	-	Pass

Off-odour in comparison with control

0 = no perceptible off-odour
1 = off-odour just perceptible (but still difficult to define)
2 = slight off-odour
3 = distinct off-odour
4 = strong off-odour

Off-taste in comparison with control

0 = no perceptible off-taste
1 = off-taste just perceptible (but still difficult define)
2 = slight off-taste
3 = distinct off-taste
4 = strong off-taste

TEST RESULT

PHTHALATES CONTENT

Test Method **:** Solvent extraction and analysis by Gas Chromatograph Mass Spectrometer (GC-MS) or Liquid Chromatograph Mass Spectrometer (LC-MS).

Maximum Limit:	**DEHP, DBP, BBP: 0.1% (Total)** **DINP, DIDP, DNOP: 0.1% (Total)** **Others: 0.1% (Total)**

Tested Item(s)	**Result**			**Conclusion**
	Detected Analyte(s)	**Conc.**	**Unit**	
I001	/	ND	%	PASS

Note:

ND = Not detected
"**>**" = More than
Conc. = Concentration
% = percent = 10000 mg/kg
mg/kg = milligram per kilogram
Detection Limit (%): Each 0.005

Remark:

- The list of phthalates is summarized in table of Appendix.

TEST RESULT

POLYCYCLIC AROMATIC HYDROCARBONS (PAHs) CONTENT

Test Method **:** With reference to test method mentioned in German AfPS GS 2019:01 PAK.

Maximum Limit:	**Benzo (a) pyrene 0.2 mg/kg** **Sum of total 18 PAHs 0.2 mg/kg**

Tested Item(s)	**Type**	**Result**			**Conclusion**
		Detected Analyte(s)	**Conc.**	**Unit**	
I001	-	/	ND	mg/kg	PASS

Note:

ND = Not detected ">" = More than Conc. = Concentration
mg/kg = milligram per kilogram
Detection Limit (mg/kg): 0.1 (Each)

Remark:

- The list of polycyclic aromatic hydrocarbons is summarized in table of Appendix.

TEST RESULT

Specific Migration of Acrylonitrile for Plastic Materials in Contact with Foodstuffs – Commission Regulation (EU) No. 10/2011 and Its Amendments

Test Condition: 3% Acetic acid: 40 ºC, 10days

Parameter	Simulant Used	Unit	Result			Maximum Allowable Limit
			1			
			1st Migration	2nd Migration	3rd Migration	
Food contact surface area	-	dm^2	6.78	6.78	6.78	-
Volume of simulant used	-	mL	1000	1000	1000	-
Acrylonitrile	3% Acetic acid	mg/kg	**0.0264**	**0.0245**	<0.01	Not Detected (<0.01)
Conclusion	**-**	-	**FAIL**	**FAIL**	PASS	-

Test Item 1: Translucent grey plastic (pitcher, SAN)

Note: "<" = less than
mg/kg = milligram per kilogram

Method: EN 13130-1:2004 and EN 13130-3:2004.

Remark: 1) The migration test is carried out according to EC Regulation No. 10/2011 and the corresponding regulatory statutes.
2) Selected test, test condition and test stimulant were specified by client.

APPENDIX

List of Polycyclic Aromatic Hydrocarbons:					
No.	**Name of Analytes**	**CAS-No.**	**No.**	**Name of Analytes**	**CAS-No.**
1	Naphthalene	91-20-3	10	Chrysene	218-01-9
2	Acenaphthylene	208-96-8	11	Benzo (a) pyrene	50-32-8
3	Acenaphthene	83-32-9	12	Indeno (1,2,3-cd) pyrene	193-39-5
4	Fluorene	86-73-7	13	Dibenzo (a,h) anthracene	53-70-3
5	Phenanthrene	85-01-8	14	Benzo (g,h,i) perylene	191-24-2
6	Antracene	120-12-7	15	Benzo (b) fluoranthene	205-99-2
7	Fluoranthene	206-44-0	16	Benzo (k) fluoranthene	207-08-9
8	Pyrene	129-00-0	17	Benzo (j) fluoranthene	205-82-3
9	Benzo (a) anthracene	56-55-3	18	Benzo (e) pyrene	192-97-2

List of Phthalates:					
No.	**Name of Analytes**	**CAS-No.**	**No.**	**Name of Analytes**	**CAS-No.**
1	Butyl benzyl phthalate (BBP)	85-68-7	8	1,2-benzenedicarboxylic acid, di-C7-11 branched alkyl ester and linear alkyl ester (DHNUP)	68515-42-4
2	Dibutyl phthalate (DBP)	84-74-2	9	1,2-benzenedicarboxylic acid, di-C6-8-branched alkyl ester, C7-rich (DIHP)	71888-89-6
3	Di-2-ethylhexyl phthalate (DEHP)	117-81-7	10	Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8
4	Di-n-octyl phthalate (DNOP)	117-84-0	11	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0
5	Di-iso-nonyl phthalate (DINP)	28553-12-0	12	N-pentyl-isopentylphtalate (iPnPP)	776297-69-9
6	Di-iso-decyl phthalate (DIDP)	26761-40-0	13	Diisopentylphthalate	605-50-5
7	Di-isobutyl phthalate (DIBP)	84-69-5	-	-	-

-END OF REPORT-

TEST REPORT

TL-961
72230720421
21.03.2023

LAB LOCATION: TURKEY
LAB NO. : (7223)072-0421
SERVICE TYPE: Regular
DATE IN: March 13, 2023
DATE OUT: March 21, 2023

COMPANY NAME	:	DEPA EV VE MUTFAK GERECLERI SAN VE TIC LTD STI (Address: Süleymaiye mh. Ismetiye Cad. No:10 Fatih/Istanbul) (Attn: Gizem GOKTAS gizem@demoonji.com
SAMPLE DESCRIPTION	:	052 – Gold Acrylic Round Under Plate
MODEL/STYLE NO	:	1797300701
SUPLIER CODE	:	/
BUYER	:	TEDi GmbH & Co. KG
MANUFACTURER	:	DEPA EV VE MUTFAK GERECLERI SAN VE TIC LTD STI
PRODUCTION DATE	:	/
COUNTRY OF ORIGIN	:	TURKIYE
COUNTRY OF DESTINATION	:	GERMANY
OVERALL CONCLUSION	:	**PASS**

C/N GK/MO

BV CPS TEST LABORATUVARLARI LTD. STI.
BUREAU VERITAS CONSUMER PRODUCTS SERVICES
Yalcin Kores Caddesi No:22 Erdinc Binalari A Blok
2. Kule 1. Kat 34209 Gunesli, Istanbul / Turkey Tel:+90.212.494 35 35 Fax:+90.212.494 35 60
email:info.turkey@bvcps.com.tr
website: www.bureauveritas.com/cps

SUMMARY OF TEST RESULTS	
TEST REQUIRED	**Conclusion**
Overall Migration with 3% Acetic Acid **(Simulant B)** for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments*	P
Overall Migration with 10% Ethanol **(Simulant A)** for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments*	P
Overall Migration with 95% Ethanol **(Simulant S1)** for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments*	P
Overall Migration with Isooctane **(Simulant S2)** for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments*	P
Sensory Test (Odour and Taste) - Simulant Water	P
Phthalates*	P
* IAS Accredited Tests	

REMARKS		
1	**:**	P: Pass, F: Fail, DATA: No Evaluation
2	**:**	The reported expanded uncertainty is based on the standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%. Unless otherwise is specified, the uncertainty of measurement has not been taken into account when assessing pass/fail of the sample against the requirements of the standard. In case consideration of measurement uncertainties when assessing pass/ fail limits, some results may be in borderline.
3	**:**	The test result, the uncertainties (if applicable) with confidence probability are given on the following pages which are part of this report.
4	**:**	Test reports without authorized signatures are invalid.
5	**:**	The test results included in the report belongs to only tested sample(s).

Bureau Veritas Consumer Products Services Turkey
BV CPS Test Lab. Ltd. Sti.

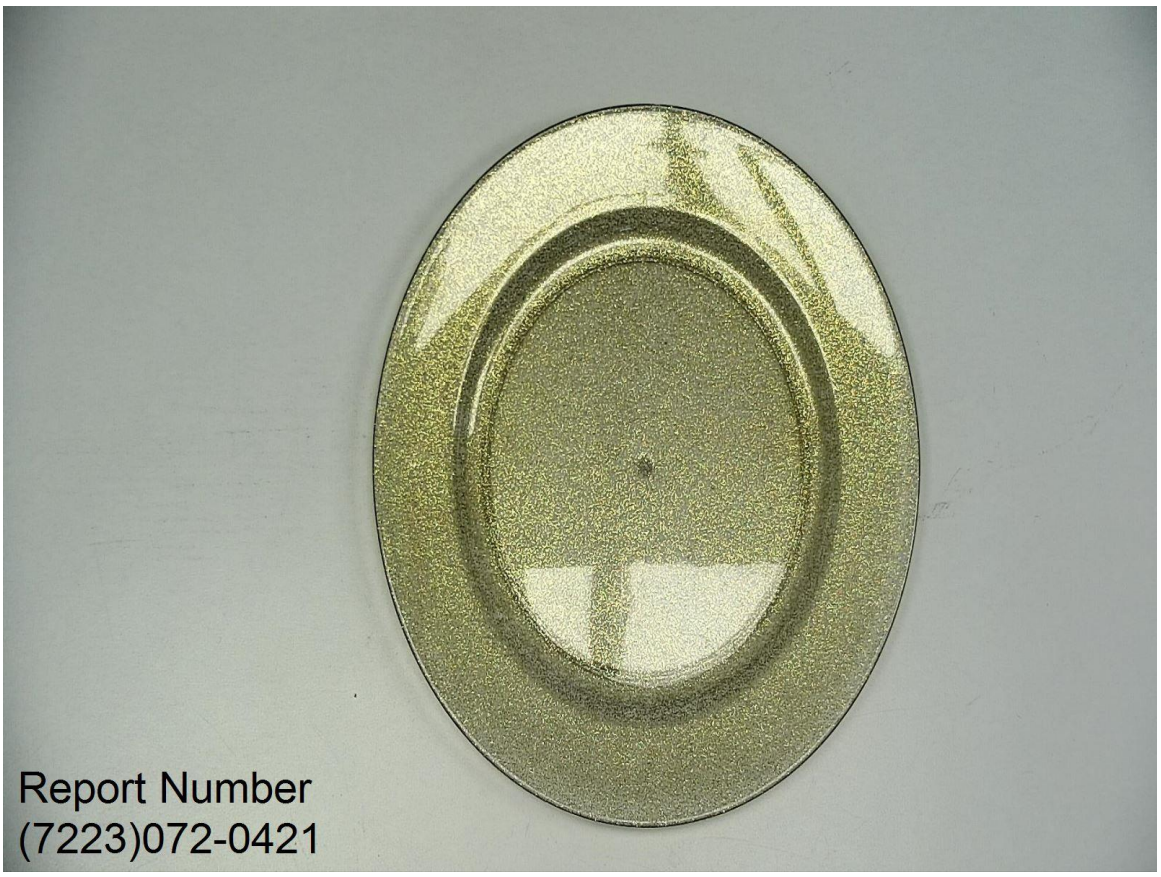
Muhammet Ozbay
Client Team Lead

Hasan Altingul
Deputy Operations Manager

C/N GK/MO

Pictures of the Submitted Samples

Sample A



C/N GK/MO

Component List / List of Materials for Chemical Tests				
Sample	**Item No**	**Component**	**Material**	**Colour**
A	I001	Shiny Gold Round Plate	Acrylic	Shiny Gold

C/N GK/MO

TEST RESULTS

Overall Migration with 3% Acetic Acid (Simulant B) for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments		
Test Method:	With reference to Commission Regulation (EU) No 2020/1245 of 2 September 2020 Annex III and Annex V for selection of condition and EN 1186-1/3 for selection of test methods.	
	BS EN 1186-3:2022 Materials and articles in contact with foodstuffs. Plastics - Test methods for overall migration in evaporable simulants.	
Test Conditions:	2 hours at 70 ºC	(3rd Migration)
Simulant Used:	3% Acetic Acid (W/V) Aqueous Solution	

Result(s) (mg/dm²) I001			
	1st migration	**2nd migration**	**3rd Migration**
Trial 1 :	<2.5	<2.5	<2.5
Trial 2 :	<2.5	<2.5	<2.5
Trial 3 :	<2.5	<2.5	<2.5
Average :	<2.5	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm² = milligram per square decimeter of foodstuff in contact with

Reporting Limit :	10 mg/kg – 2,5 mg/dm²
Permissible Limit :	60 mg/kg - 10 mg/dm²

Remark(s) :	**1.**	Permissible limit specified by Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm² or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	4.	The volume of simulant used is 0.1 L.
	5.	The ratio of surface area to volume ratio is 0.6 dm² per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 2020/1245 of 2 September 2020.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

C/N GK/MO

TEST RESULTS

Overall Migration with 10% Ethanol (Simulant A) for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/21245 and Its Amendments		
Test Method :	With reference to Commission Regulation (EU) No 2020/1245 of 2 September 2020 Annex III and Annex V for selection of condition and EN 1186-1/3 for selection of test methods.	
	BS EN 1186-3:2022 Materials and articles in contact with foodstuffs. Plastics - Test methods for overall migration in evaporable simulants.	
Test Conditions:	2 hours at 70 ºC	(3rd Migration)
Simulant Used:	10% Ethanol (V/V) Aqueous Solution	

Result(s) (mg/dm²) I001			
	1st migration	**2nd migration**	**3rd Migration**
Trial 1 :	<2.5	<2.5	<2.5
Trial 2 :	<2.5	<2.5	<2.5
Trial 3 :	<2.5	<2.5	<2.5
Average :	<2.5	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm^2 = milligram per square decimeter of foodstuff in contact with

Reporting Limit :	10 mg/kg – 2,5 mg/dm^2
Permissible Limit :	60 mg/kg - 10 mg/dm^2

Remark(s) :	**1.**	Permissible limit specified by Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm^2 or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	4.	The volume of simulant used is 0.1 L.
	5.	The ratio of surface area to volume ratio is 0.6 dm^2 per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 2020/1245 of 2 September 2020.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

C/N GK/MO

TEST RESULTS

Overall Migration with 95% Ethanol (Simulant S1) for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments		
Test Method:	With reference to Commission Regulation (EU) No 2020/1245 of 2 September 2020 Annex III and Annex V for selection of condition and EN 1186-1/3 for selection of test methods.	
	BS EN 1186-3:2022 Materials and articles in contact with foodstuffs. Plastics - Test methods for overall migration in evaporable simulants.	
Test Conditions:	2 hours at 70 °C, Performed at : 2 hours at 60 °C	(3rd Migration)
Simulant Used:	95% Ethanol (V/V) Aqueous Solution	

Result(s) (mg/dm²) **I001**			
	1st migration	**2nd migration**	**3rd Migration**
Trial 1 :	<2.5	<2.5	<2.5
Trial 2 :	<2.5	<2.5	<2.5
Trial 3 :	<2.5	<2.5	<2.5
Average :	<2.5	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm² = milligram per square decimeter of foodstuff in contact with
	* Further verification by vegetable oil is recommended for compliance confirmation if the material of the sample is not Nylon, PVC, Organic Coating, Hard and Rigid Plastics, PS, SAN, ABS, Melamine.

Reporting Limit :	10 mg/kg – 2,5 mg/dm²
Permissible Limit :	60 mg/kg - 10 mg/dm²

Remark(s) :	1.	Permissible limit specified by Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm² or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	4.	The volume of simulant used is 0.1 L.
	5.	The ratio of surface area to volume ratio is 0.6 dm² per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 2020/1245 of 2 September 2020.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

C/N GK/MO

TEST RESULTS

Overall Migration with Isooctane (Simulant S2) for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments		
Test Method:	With reference to Commission Regulation (EU) No 2020/1245 of 2 September 2020 Annex III and Annex V for selection of condition and EN 1186-1/3 for selection of test methods.	
	BS EN 1186-3:2022 Materials and articles in contact with foodstuffs. Plastics - Test methods for overall migration in evaporable simulants.	
Test Conditions:	2 hours at 70 ºC, Performed at : 0.5 hours at 40 ºC	(3rd Migration)
Simulant Used:	Isooctane	

Result(s) (mg/dm²) **I001**			
	1st migration	**2nd migration**	**3rd Migration**
Trial 1 :	<2.5	<2.5	<2.5
Trial 2 :	<2.5	<2.5	<2.5
Trial 3 :	<2.5	<2.5	<2.5
Average :	<2.5	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm^2 = milligram per square decimeter of foodstuff in contact with
	* Further verification by vegetable oil is recommended for compliance confirmation if the material of the sample is not Nylon, PVC, Organic Coating, Hard and Rigid Plastics, PS, SAN, ABS, Melamine.

Reporting Limit :	10 mg/kg – 2,5 mg/dm^2
Permissible Limit :	60 mg/kg - 10 mg/dm^2

Remark(s) :	**1.**	Permissible limit specified by Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm^2 or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	4.	The volume of simulant used is 0.1 L.
	5.	The ratio of surface area to volume ratio is 0.6 dm^2 per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 2020/1245 of 2 September 2020.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

C/N GK/MO

TEST RESULTS

Sensory Test (Odour and Taste) - Simulant Water

Test method: BV CPS In House Method, CPSD-AN-00084-MTHD, DIN 10955

Test condition: Water, 2 hours - 70^0C

-	Results				Conc.
Tested Item(s)	**Parameter**	**Limit**	**Conc.**	**Unit**	
I001	Change of Odour	≤ 2.5	0.0	-	Pass
	Change of Taste	≤ 2.5	0.0	-	Pass

Off-odour in comparison with control
0 = no perceptible off-odour
1 = off-odour just perceptible (but still difficult to define)
2 = slight off-odour
3 = distinct off-odour
4 = strong off-odour

Off-taste in comparison with control
0 = no perceptible off-taste
1 = off-taste just perceptible (but still difficult to define)
2 = slight off-taste
3 = distinct off-taste
4 = strong off-taste

C/N GK/MO

TEST RESULT

Phthalates Content

Test Method : CPSD-AN-00095-MTHD/45
Quantification analysis by GC-MS or LC-DAD-MS

Maximum Limit:	**1000 mg/kg**

Tested Item(s)	**Result**			**Conclusion**
	Detected Analyte(s)	**Conc.**	**Unit**	
I001	/	ND	mg/kg	PASS

Note:

ND = Not detected
mg/kg = milligram(s) per kilogram
10 000 mg/kg = 1 %
Detection Limit (mg/kg) - 50 each

">" = Greater than
mg/kg = ppm = part(s) per million
% = percent

Conc. = Concentration

Remark:

- The list of Phthalates is summarized in table of Appendix.

C/N GK/MO

APPENDIX A –LIST OF MEASUREMENT UNCERTAINTIES		
TEST NAME	STANDARD NAME	MEASUREMENT UNCERTAINTY
Phthalates Content	CPSD-AN-00095-MTHD	± %14.59

APPENDIX			
Test Name	**Standard**	**In-house Method**	**Measurement Uncertainity**
Overall Migration: Total Immersion Method – Simulant B	BS EN 1186-3	CPSD-AN-00800-MTHD	± % 9,7
Overall Migration: Total Immersion Method – Simulant A	BS EN 1186-3	CPSD-AN-00800-MTHD	± % 10,0
Overall Migration: Total Immersion Method – Simulant S1	BS EN 1186-3	CPSD-AN-00800-MTHD	± % 9,7
Overall Migration: Total Immersion Method – Simulant S2	BS EN 1186-3	CPSD-AN-00800-MTHD	± % 8,8

APPENDIX

List of Phthalates:					
No.	**Name of Analytes**	**CAS-No.**	**No.**	**Name of Analytes**	**CAS-No.**
1	Dibutyl phthalate (DBP)	84-74-2	5	Diisobutyl phthalate (DiBP)	84-69-5
2	Di-iso-decyl phthalate (DIDP)	26761-40-0 and 68515-49-1	6	Benzyl butyl phthalate (BBP)	85-68-7
3	Di-isononyl phthalate (DINP)	28553-12-0 and 68515-48-0	7	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7
4	Di-n-octyl phthalate (DNOP)	117-84-0			

-END OF REPORT-

C/N GK/MO

TEST REPORT

TL-961
72230720423
21.03.2023

LAB LOCATION: TURKEY
LAB NO. : (7223)072-0423
SERVICE TYPE: Regular
DATE IN: March 13, 2023
DATE OUT: March 21, 2023

COMPANY NAME	:	DEPA EV VE MUTFAK GERECLERI SAN VE TIC LTD STI (Address: Süleymaiye mh. Ismetiye Cad. No:10 Fatih/Istanbul) (Attn: Gizem GOKTAS gizem@demoonji.com
SAMPLE DESCRIPTION	:	053 – Black Acrylic Round Under Plate
MODEL/STYLE NO	:	8401500701
SUPLIER CODE	:	/
BUYER	:	TEDi GmbH & Co. KG
MANUFACTURER	:	DEPA EV VE MUTFAK GERECLERI SAN VE TIC LTD STI
PRODUCTION DATE	:	/
COUNTRY OF ORIGIN	:	TURKIYE
COUNTRY OF DESTINATION	:	GERMANY
OVERALL CONCLUSION	:	**PASS**

C/N GK/MO

BV CPS TEST LABORATUVARLARI LTD. STI.
BUREAU VERITAS CONSUMER PRODUCTS SERVICES
Yalcin Kores Caddesi No:22 Erdinc Binalari A Blok
2. Kule 1. Kat 34209 Gunesli, Istanbul / Turkey Tel:+90.212.494 35 35 Fax:+90.212.494 35 60
email:info.turkey@bvcps.com.tr
website: www.bureauveritas.com/cps

SUMMARY OF TEST RESULTS	
TEST REQUIRED	**Conclusion**
Overall Migration with 3% Acetic Acid **(Simulant B)** for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments*	P
Overall Migration with 10% Ethanol **(Simulant A)** for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments*	P
Overall Migration with 95% Ethanol **(Simulant S1)** for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments*	P
Overall Migration with Isooctane **(Simulant S2)** for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments*	P
Sensory Test (Odour and Taste) - Simulant Water	P
Phthalates*	P
* IAS Accredited Tests	

REMARKS		
1	**:**	P: Pass, F: Fail, DATA: No Evaluation
2	**:**	The reported expanded uncertainty is based on the standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%. Unless otherwise is specified, the uncertainty of measurement has not been taken into account when assessing pass/fail of the sample against the requirements of the standard. In case consideration of measurement uncertainties when assessing pass/ fail limits, some results may be in borderline.
3	**:**	The test result, the uncertainties (if applicable) with confidence probability are given on the following pages which are part of this report.
4	**:**	Test reports without authorized signatures are invalid.
5	**:**	The test results included in the report belongs to only tested sample(s).

Bureau Veritas Consumer Products Services Turkey
BV CPS Test Lab. Ltd. Sti.

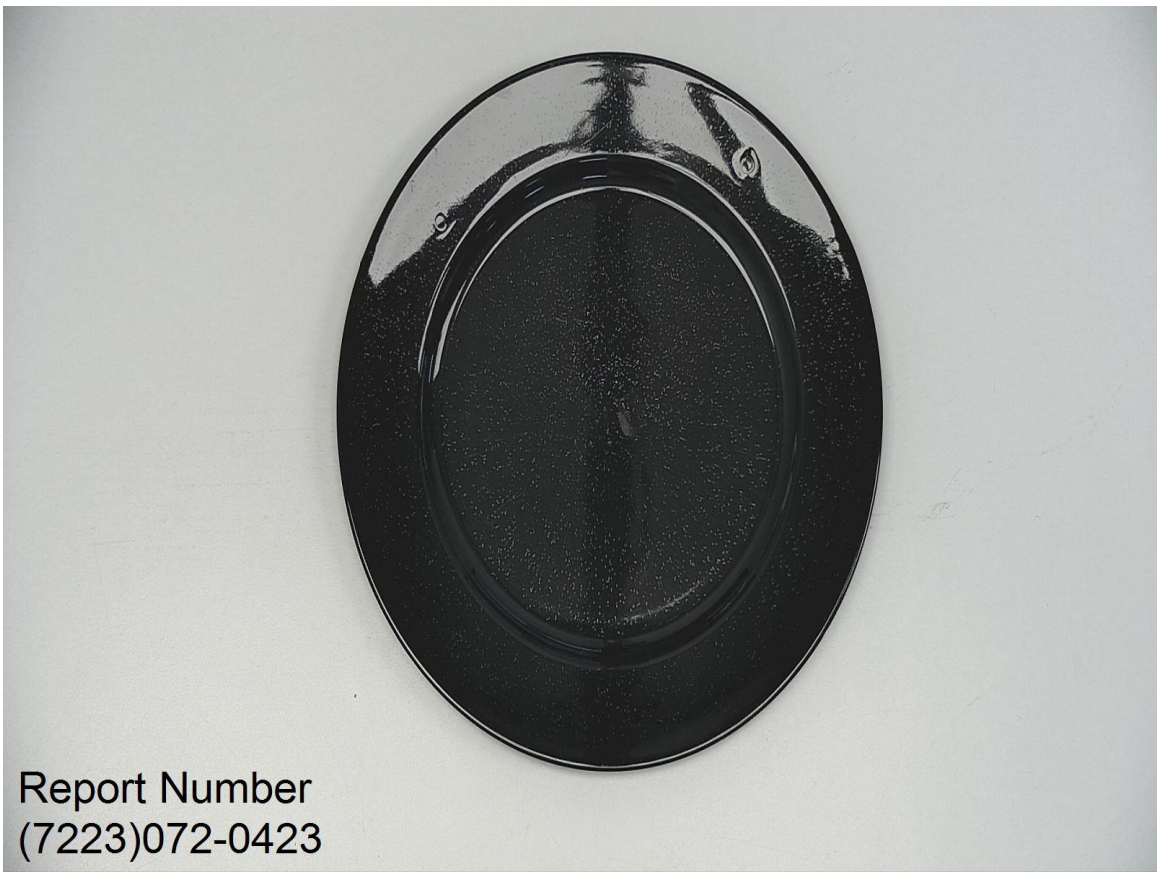
Muhammet Ozbay
Client Team Lead

Hasan Altingul
Deputy Operations Manager

C/N GK/MO

Pictures of the Submitted Samples

Sample A



C/N GK/MO

Component List / List of Materials for Chemical Tests				
Sample	**Item No**	**Component**	**Material**	**Colour**
A	I001	Shiny Black Round Plate	Acrylic	Shiny Black

C/N GK/MO

TEST RESULTS

Overall Migration with 3% Acetic Acid (Simulant B) for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments		
Test Method:	With reference to Commission Regulation (EU) No 2020/1245 of 2 September 2020 Annex III and Annex V for selection of condition and EN 1186-1/3 for selection of test methods.	
	BS EN 1186-3:2022 Materials and articles in contact with foodstuffs. Plastics - Test methods for overall migration in evaporable simulants.	
Test Conditions:	2 hours at 70 ºC	(3rd Migration)
Simulant Used:	3% Acetic Acid (W/V) Aqueous Solution	

Result(s) (mg/dm²) I001			
	1st migration	**2nd migration**	**3rd Migration**
Trial 1 :	<2.5	<2.5	<2.5
Trial 2 :	<2.5	<2.5	<2.5
Trial 3 :	<2.5	<2.5	<2.5
Average :	<2.5	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm² = milligram per square decimeter of foodstuff in contact with

Reporting Limit :	10 mg/kg – 2,5 mg/dm²
Permissible Limit :	60 mg/kg - 10 mg/dm²

Remark(s) :	**1.**	Permissible limit specified by Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm² or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	4.	The volume of simulant used is 0.1 L.
	5.	The ratio of surface area to volume ratio is 0.6 dm² per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 2020/1245 of 2 September 2020.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

C/N GK/MO

TEST RESULTS

Overall Migration with 10% Ethanol (Simulant A) for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/21245 and Its Amendments		
Test Method :	With reference to Commission Regulation (EU) No 2020/1245 of 2 September 2020 Annex III and Annex V for selection of condition and EN 1186-1/3 for selection of test methods.	
	BS EN 1186-3:2022 Materials and articles in contact with foodstuffs. Plastics - Test methods for overall migration in evaporable simulants.	
Test Conditions:	2 hours at 70 ºC	(3rd Migration)
Simulant Used:	10% Ethanol (V/V) Aqueous Solution	

Result(s) (mg/dm²) I001			
	1st migration	**2nd migration**	**3rd Migration**
Trial 1 :	<2.5	<2.5	<2.5
Trial 2 :	<2.5	<2.5	<2.5
Trial 3 :	<2.5	<2.5	<2.5
Average :	<2.5	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm² = milligram per square decimeter of foodstuff in contact with

Reporting Limit :	10 mg/kg – 2,5 mg/dm²
Permissible Limit :	60 mg/kg - 10 mg/dm²

Remark(s) :	**1.**	Permissible limit specified by Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm² or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	4.	The volume of simulant used is 0.1 L.
	5.	The ratio of surface area to volume ratio is 0.6 dm² per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 2020/1245 of 2 September 2020.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

C/N GK/MO

TEST RESULTS

Overall Migration with 95% Ethanol (Simulant S1) for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments		
Test Method:	With reference to Commission Regulation (EU) No 2020/1245 of 2 September 2020 Annex III and Annex V for selection of condition and EN 1186-1/3 for selection of test methods.	
	BS EN 1186-3:2022 Materials and articles in contact with foodstuffs. Plastics - Test methods for overall migration in evaporable simulants.	
Test Conditions:	2 hours at 70 °C, Performed at : 2 hours at 60 °C	(3rd Migration)
Simulant Used:	95% Ethanol (V/V) Aqueous Solution	

Result(s) (mg/dm²) I001			
	1st migration	**2nd migration**	**3rd Migration**
Trial 1 :	2.83	<2.5	<2.5
Trial 2 :	3.00	<2.5	<2.5
Trial 3 :	3.50	<2.5	<2.5
Average :	3.11	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm² = milligram per square decimeter of foodstuff in contact with
	* Further verification by vegetable oil is recommended for compliance confirmation if the material of the sample is not Nylon, PVC, Organic Coating, Hard and Rigid Plastics, PS, SAN, ABS, Melamine.

Reporting Limit :	10 mg/kg – 2,5 mg/dm²
Permissible Limit :	60 mg/kg - 10 mg/dm²

Remark(s) :	1.	Permissible limit specified by Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm² or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	4.	The volume of simulant used is 0.1 L.
	5.	The ratio of surface area to volume ratio is 0.6 dm² per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 2020/1245 of 2 September 2020.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

C/N GK/MO

TEST RESULTS

Overall Migration with Isooctane (Simulant S2) for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments		
Test Method:	With reference to Commission Regulation (EU) No 2020/1245 of 2 September 2020 Annex III and Annex V for selection of condition and EN 1186-1/3 for selection of test methods.	
	BS EN 1186-3:2022 Materials and articles in contact with foodstuffs. Plastics - Test methods for overall migration in evaporable simulants.	
Test Conditions:	2 hours at 70 ºC, Performed at : 0.5 hours at 40 ºC	(3rd Migration)
Simulant Used:	Isooctane	

Result(s) (mg/dm²) **I001**			
	1st migration	**2nd migration**	**3rd Migration**
Trial 1 :	<2.5	<2.5	<2.5
Trial 2 :	<2.5	<2.5	<2.5
Trial 3 :	<2.5	<2.5	<2.5
Average :	<2.5	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm² = milligram per square decimeter of foodstuff in contact with
	* Further verification by vegetable oil is recommended for compliance confirmation if the material of the sample is not Nylon, PVC, Organic Coating, Hard and Rigid Plastics, PS, SAN, ABS, Melamine.

Reporting Limit :	10 mg/kg – 2,5 mg/dm²
Permissible Limit :	60 mg/kg - 10 mg/dm²

Remark(s) :	**1.**	Permissible limit specified by Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm² or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	4.	The volume of simulant used is 0.1 L.
	5.	The ratio of surface area to volume ratio is 0.6 dm² per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 2020/1245 of 2 September 2020.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

C/N GK/MO

TEST RESULTS

Sensory Test (Odour and Taste) - Simulant Water

Test method: BV CPS In House Method, CPSD-AN-00084-MTHD, DIN 10955

Test condition: Water, 2 hours - 70^0C

-	Results				Conc.
Tested Item(s)	**Parameter**	**Limit**	**Conc.**	**Unit**	
I001	Change of Odour	≤ 2.5	0.0	-	Pass
	Change of Taste	≤ 2.5	0.0	-	Pass

Off-odour in comparison with control
0 = no perceptible off-odour
1 = off-odour just perceptible (but still difficult to define)
2 = slight off-odour
3 = distinct off-odour
4 = strong off-odour

Off-taste in comparison with control
0 = no perceptible off-taste
1 = off-taste just perceptible (but still difficult to define)
2 = slight off-taste
3 = distinct off-taste
4 = strong off-taste

C/N GK/MO

TEST RESULT

Phthalates Content

Test Method : CPSD-AN-00095-MTHD/45
Quantification analysis by GC-MS or LC-DAD-MS

Maximum Limit:	**1000 mg/kg**

Tested Item(s)	**Result**			**Conclusion**
	Detected Analyte(s)	**Conc.**	**Unit**	
I001	/	ND	mg/kg	PASS

Note:

ND = Not detected
mg/kg = milligram(s) per kilogram
10 000 mg/kg = 1 %
Detection Limit (mg/kg) - 50 each

">" = Greater than
mg/kg = ppm = part(s) per million
% = percent

Conc. = Concentration

Remark:

- The list of Phthalates is summarized in table of Appendix.

C/N GK/MO

APPENDIX A –LIST OF MEASUREMENT UNCERTAINTIES		
TEST NAME	STANDARD NAME	MEASUREMENT UNCERTAINTY
Phthalates Content	CPSD-AN-00095-MTHD	± %14.59

APPENDIX			
Test Name	**Standard**	**In-house Method**	**Measurement Uncertainity**
Overall Migration: Total Immersion Method – Simulant B	BS EN 1186-3	CPSD-AN-00800-MTHD	± % 9,7
Overall Migration: Total Immersion Method – Simulant A	BS EN 1186-3	CPSD-AN-00800-MTHD	± % 10,0
Overall Migration: Total Immersion Method – Simulant S1	BS EN 1186-3	CPSD-AN-00800-MTHD	± % 9,7
Overall Migration: Total Immersion Method – Simulant S2	BS EN 1186-3	CPSD-AN-00800-MTHD	± % 8,8

APPENDIX

List of Phthalates:					
No.	**Name of Analytes**	**CAS-No.**	**No.**	**Name of Analytes**	**CAS-No.**
1	Dibutyl phthalate (DBP)	84-74-2	5	Diisobutyl phthalate (DiBP)	84-69-5
2	Di-iso-decyl phthalate (DIDP)	26761-40-0 and 68515-49-1	6	Benzyl butyl phthalate (BBP)	85-68-7
3	Di-isononyl phthalate (DINP)	28553-12-0 and 68515-48-0	7	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7
4	Di-n-octyl phthalate (DNOP)	117-84-0			

-END OF REPORT-

C/N GK/MO

TEST REPORT

TL-961
72230720424 (R)
22.03.2023

LAB LOCATION: TURKEY
LAB NO. : (7223)072-0424 (Revision)
SERVICE TYPE: Regular
DATE IN: March 13, 2023
DATE OUT: March 21, 2023
REVISION DATE: March 22, 2023

COMPANY NAME	:	DEPA EV VE MUTFAK GERECLERI SAN VE TIC LTD STI (Address: Süleymaiye mh. Ismetiye Cad. No:10 Fatih/Istanbul) (Attn: Gizem GOKTAS gizem@demoonji.com
SAMPLE DESCRIPTION	:	6795 – Barok Transparent Acrylic Bowl 1.65 L
MODEL/STYLE NO	:	6009600701 / 1225500701 / 1874400701 / 4804100701 / 1705900701 / 1705900701 / 5437700701 / 3318400701 / 9816700701 / 3141900701 / 6297800701 / 5624200701
SUPLIER CODE	:	/
BUYER	:	TEDi GmbH & Co. KG
MANUFACTURER	:	DEPA EV VE MUTFAK GERECLERI SAN VE TIC LTD STI
PRODUCTION DATE	:	/
COUNTRY OF ORIGIN	:	TURKIYE
COUNTRY OF DESTINATION	:	GERMANY
OVERALL CONCLUSION	:	**PASS**

C/N GK/MO

BV CPS TEST LABORATUVARLARI LTD. STI.
BUREAU VERITAS CONSUMER PRODUCTS SERVICES
Yalcin Kores Caddesi No:22 Erdinc Binalari A Blok
2. Kule 1. Kat 34209 Gunesli, Istanbul / Turkey Tel:+90.212.494 35 35 Fax:+90.212.494 35 60
email:info.turkey@bvcps.com.tr
website: www.bureauveritas.com/cps

SUMMARY OF TEST RESULTS	
TEST REQUIRED	**Conclusion**
Overall Migration with 3% Acetic Acid **(Simulant B)** for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments*	P
Overall Migration with 10% Ethanol **(Simulant A)** for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments*	P
Overall Migration with 20% Ethanol **(Simulant C)** for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments*	P
Overall Migration with 95% Ethanol **(Simulant S1)** for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments*	P
Overall Migration with Isooctane **(Simulant S2)** for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments*	P
Overall Migration with MPPO (TENAX) **(Simulant E)** for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments*	P
Sensory Test (Odour and Taste) - Simulant Water	P
Phthalates*	P
* IAS Accredited Tests	

REMARKS		
1	**:**	P: Pass, F: Fail, DATA: No Evaluation
2	**:**	The reported expanded uncertainty is based on the standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%. Unless otherwise is specified, the uncertainty of measurement has not been taken into account when assessing pass/fail of the sample against the requirements of the standard. In case consideration of measurement uncertainties when assessing pass/ fail limits, some results may be in borderline.
3	**:**	The test result, the uncertainties (if applicable) with confidence probability are given on the following pages which are part of this report.
4	**:**	Test reports without authorized signatures are invalid.
5	**:**	The test results included in the report belongs to only tested sample(s).
6	**:**	(7223)072-0424 test report dated March 21, 2023 is not valid, it is replaced by this report (7223)072-0424 (Revision).
7	**:**	"Model/Style No" has been corrected.

Bureau Veritas Consumer Products Services Turkey
BV CPS Test Lab. Ltd. Sti.

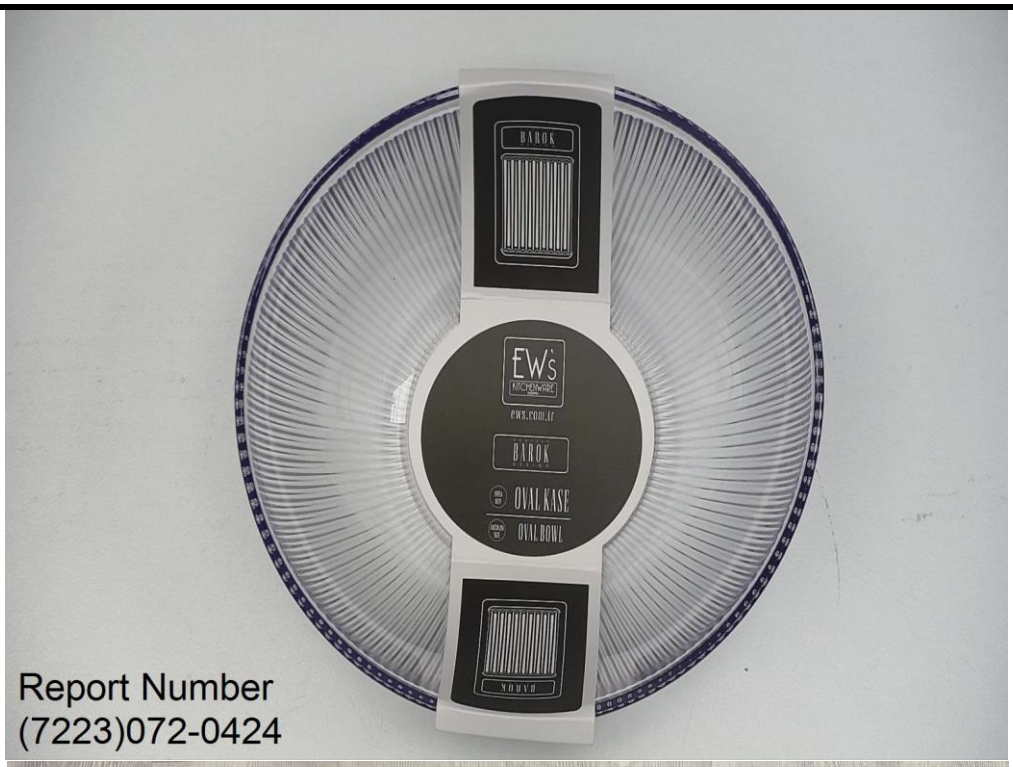
Muhammet Ozbay
Client Team Lead

Hasan Altingul
Deputy Operations Manager

C/N GK/MO

Pictures of the Submitted Samples

Sample A



C/N GK/MO

Component List / List of Materials for Chemical Tests				
Sample	**Item No**	**Component**	**Material**	**Colour**
A	I001	Transparent Bowl	Acrylic	Transparent

C/N GK/MO

TEST RESULTS

Overall Migration with 3% Acetic Acid (Simulant B) for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments		
Test Method:	With reference to Commission Regulation (EU) No 2020/1245 of 2 September 2020 Annex III and Annex V for selection of condition and EN 1186-1/3 for selection of test methods.	
	BS EN 1186-3:2022 Materials and articles in contact with foodstuffs. Plastics - Test methods for overall migration in evaporable simulants.	
Test Conditions:	2 hours at 70 ºC	(3rd Migration)
Simulant Used:	3% Acetic Acid (W/V) Aqueous Solution	

Result(s) (mg/dm²)
I001

	1st migration	**2nd migration**	**3rd Migration**
Trial 1 :	<2.5	<2.5	<2.5
Trial 2 :	<2.5	<2.5	<2.5
Trial 3 :	<2.5	<2.5	<2.5
Average :	<2.5	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm² = milligram per square decimeter of foodstuff in contact with

Reporting Limit :	10 mg/kg – 2,5 mg/dm²
Permissible Limit :	60 mg/kg - 10 mg/dm²

Remark(s) :	**1.**	Permissible limit specified by Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm² or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	4.	The volume of simulant used is 0.1 L.
	5.	The ratio of surface area to volume ratio is 0.6 dm² per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 2020/1245 of 2 September 2020.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

C/N GK/MO

TEST RESULTS

Overall Migration with 10% Ethanol (Simulant A) for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/21245 and Its Amendments		
Test Method :	With reference to Commission Regulation (EU) No 2020/1245 of 2 September 2020 Annex III and Annex V for selection of condition and EN 1186-1/3 for selection of test methods.	
	BS EN 1186-3:2022 Materials and articles in contact with foodstuffs. Plastics - Test methods for overall migration in evaporable simulants.	
Test Conditions:	2 hours at 70 °C	(3rd Migration)
Simulant Used:	10% Ethanol (V/V) Aqueous Solution	

Result(s) (mg/dm²) I001			
	1st migration	**2nd migration**	**3rd Migration**
Trial 1 :	<2.5	<2.5	<2.5
Trial 2 :	<2.5	<2.5	<2.5
Trial 3 :	<2.5	<2.5	<2.5
Average :	<2.5	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm^2 = milligram per square decimeter of foodstuff in contact with

Reporting Limit :	10 mg/kg – 2,5 mg/dm^2
Permissible Limit :	60 mg/kg - 10 mg/dm^2

Remark(s) :	**1.**	Permissible limit specified by Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm^2 or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	4.	The volume of simulant used is 0.1 L.
	5.	The ratio of surface area to volume ratio is 0.6 dm^2 per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 2020/1245 of 2 September 2020.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

C/N GK/MO

TEST RESULTS

Overall Migration with 20% Ethanol (Simulant C) for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments		
Test Method:	With reference to Commission Regulation (EU) No 2020/1245 of 2 September 2020 Annex III and Annex V for selection of condition and EN 1186-1/3 for selection of test methods.	
	BS EN 1186-3:2022 Materials and articles in contact with foodstuffs. Plastics - Test methods for overall migration in evaporable simulants.	
Test Conditions:	2 hours at 70 ºC	(3rd Migration)
Simulant Used:	20% Ethanol (V/V) Aqueous Solution	

Result(s) (mg/dm²)
I001

	1st migration	**2nd migration**	**3rd migration**
Trial 1 :	<2.5	<2.5	<2.5
Trial 2 :	<2.5	<2.5	<2.5
Trial 3 :	<2.5	<2.5	<2.5
Average :	<2.5	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm² = milligram per square decimeter of foodstuff in contact with

Reporting Limit :	10 mg/kg – 2,5 mg/dm²
Permissible Limit :	60 mg/kg - 10 mg/dm²

Remark(s) :	**1.**	Permissible limit specified by Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm² or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	4.	The volume of simulant used is 0.1 L.
	5.	The ratio of surface area to volume ratio is 0.6 dm² per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 2020/1245 of 2 September 2020.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

C/N GK/MO

TEST RESULTS

Overall Migration with 95% Ethanol (Simulant S1) for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments		
Test Method:	With reference to Commission Regulation (EU) No 2020/1245 of 2 September 2020 Annex III and Annex V for selection of condition and EN 1186-1/3 for selection of test methods.	
	BS EN 1186-3:2022 Materials and articles in contact with foodstuffs. Plastics - Test methods for overall migration in evaporable simulants.	
Test Conditions:	2 hours at 70 °C, Performed at : 2 hours at 60 °C	(3rd Migration)
Simulant Used:	95% Ethanol (V/V) Aqueous Solution	

Result(s) (mg/dm²) I001			
	1st migration	**2nd migration**	**3rd Migration**
Trial 1 :	4.00	<2.5	<2.5
Trial 2 :	3.67	<2.5	<2.5
Trial 3 :	4.33	<2.5	<2.5
Average :	4.00	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm² = milligram per square decimeter of foodstuff in contact with
	* Further verification by vegetable oil is recommended for compliance confirmation if the material of the sample is not Nylon, PVC, Organic Coating, Hard and Rigid Plastics, PS, SAN, ABS, Melamine.

Reporting Limit :	10 mg/kg – 2,5 mg/dm²
Permissible Limit :	60 mg/kg - 10 mg/dm²

Remark(s) :	1.	Permissible limit specified by Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm² or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	4.	The volume of simulant used is 0.1 L.
	5.	The ratio of surface area to volume ratio is 0.6 dm² per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 2020/1245 of 2 September 2020.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

C/N GK/MO

TEST RESULTS

Overall Migration with Isooctane (Simulant S2) for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments		
Test Method:	With reference to Commission Regulation (EU) No 2020/1245 of 2 September 2020 Annex III and Annex V for selection of condition and EN 1186-1/3 for selection of test methods.	
	BS EN 1186-3:2022 Materials and articles in contact with foodstuffs. Plastics - Test methods for overall migration in evaporable simulants.	
Test Conditions:	2 hours at 70 ºC, Performed at : 0.5 hours at 40 ºC	(3rd Migration)
Simulant Used:	Isooctane	

Result(s) (mg/dm²) **I001**			
	1st migration	**2nd migration**	**3rd Migration**
Trial 1 :	<2.5	<2.5	<2.5
Trial 2 :	<2.5	<2.5	<2.5
Trial 3 :	<2.5	<2.5	<2.5
Average :	<2.5	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm^2 = milligram per square decimeter of foodstuff in contact with
	* Further verification by vegetable oil is recommended for compliance confirmation if the material of the sample is not Nylon, PVC, Organic Coating, Hard and Rigid Plastics, PS, SAN, ABS, Melamine.

Reporting Limit :	10 mg/kg – 2,5 mg/dm^2
Permissible Limit :	60 mg/kg - 10 mg/dm^2

Remark(s) :	**1.**	Permissible limit specified by Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm^2 or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	4.	The volume of simulant used is 0.1 L.
	5.	The ratio of surface area to volume ratio is 0.6 dm^2 per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 2020/1245 of 2 September 2020.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

C/N GK/MO

TEST RESULTS

Overall Migration with MPPO (TENAX) (Simulant E) for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments		
Test Method:	With reference to Commission Regulation (EU) No 2020/1245 of 2 September 2020 Annex III and Annex V for selection of condition and EN 1186-1 for selection of test methods.	
	EN 1186-13 test method for overall migration at high temperatures;	
Test Conditions:	2 hours at 70 ºC	(3rd Migration)
Simulant Used:	MPPO (TENAX) (Simulant E)	
Simulant Amount:	4 g used per surface area (dm^2)	

Result(s) (mg/dm^2) **I001**			
	1st migration	**2nd migration**	**3rd Migration**
Trial 1 :	5.38	<2.5	<2.5
Trial 2 :	4.62	<2.5	<2.5
Trial 3 :	5.38	<2.5	<2.5
Average :	5.13	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/dm^2 = milligram per square decimeter of foodstuff in contact with
	mg/kg = milligram per kilogram of foodstuff in contact with

Reporting Limit :	10 mg/kg – 2,5 mg/dm^2
Permissible Limit :	60 mg/kg - 10 mg/dm^2

Remark(s) :	1.	Permissible limit specified by Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	2.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.

C/N GK/MO

TEST RESULTS

Sensory Test (Odour and Taste) - Simulant Water

Test method: BV CPS In House Method, CPSD-AN-00084-MTHD, DIN 10955

Test condition: Water, 2 hours - 70^0C

-	Results				Conc.
Tested Item(s)	**Parameter**	**Limit**	**Conc.**	**Unit**	
I001	Change of Odour	≤ 2.5	0.0	-	Pass
	Change of Taste	≤ 2.5	0.0	-	Pass

Off-odour in comparison with control
0 = no perceptible off-odour
1 = off-odour just perceptible (but still difficult to define)
2 = slight off-odour
3 = distinct off-odour
4 = strong off-odour

Off-taste in comparison with control
0 = no perceptible off-taste
1 = off-taste just perceptible (but still difficult to define)
2 = slight off-taste
3 = distinct off-taste
4 = strong off-taste

C/N GK/MO

TEST RESULT

Phthalates Content

Test Method : CPSD-AN-00095-MTHD/45
Quantification analysis by GC-MS or LC-DAD-MS

Maximum Limit:	**1000 mg/kg**

Tested Item(s)	**Result**			**Conclusion**
	Detected Analyte(s)	**Conc.**	**Unit**	
I001	/	ND	mg/kg	PASS

Note:

ND = Not detected
mg/kg = milligram(s) per kilogram
10 000 mg/kg = 1 %
Detection Limit (mg/kg) - 50 each

">" = Greater than
mg/kg = ppm = part(s) per million
% = percent

Conc. = Concentration

Remark:

- The list of Phthalates is summarized in table of Appendix.

C/N GK/MO

APPENDIX A –LIST OF MEASUREMENT UNCERTAINTIES		
TEST NAME	STANDARD NAME	MEASUREMENT UNCERTAINTY
Phthalates Content	CPSD-AN-00095-MTHD	± %14.59

APPENDIX			
Test Name	**Standard**	**In-house Method**	**Measurement Uncertainity**
Overall Migration: Total Immersion Method – Simulant B	BS EN 1186-3	CPSD-AN-00800-MTHD	± % 9,7
Overall Migration: Total Immersion Method – Simulant A	BS EN 1186-3	CPSD-AN-00800-MTHD	± % 10,0
Overall Migration: Total Immersion Method – Simulant C	BS EN 1186-3	CPSD-AN-00800-MTHD	± % 9,5
Overall Migration: Total Immersion Method – Simulant S1	BS EN 1186-3	CPSD-AN-00800-MTHD	± % 9,7
Overall Migration: Total Immersion Method – Simulant S2	BS EN 1186-3	CPSD-AN-00800-MTHD	± % 8,8
Overall Migration with Simulant E (MPPO) for Plastic and Paper	BS EN 1186-13	CPSD-AN-00801-MTHD	± % 11,8

APPENDIX

List of Phthalates:					
No.	**Name of Analytes**	**CAS-No.**	**No.**	**Name of Analytes**	**CAS-No.**
1	Dibutyl phthalate (DBP)	84-74-2	5	Diisobutyl phthalate (DiBP)	84-69-5
2	Di-iso-decyl phthalate (DIDP)	26761-40-0 and 68515-49-1	6	Benzyl butyl phthalate (BBP)	85-68-7
3	Di-isononyl phthalate (DINP)	28553-12-0 and 68515-48-0	7	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7
4	Di-n-octyl phthalate (DNOP)	117-84-0			

-END OF REPORT-

C/N GK/MO

TEST REPORT

TL-961
72230720425
21.03.2023

LAB LOCATION: TURKEY
LAB NO. : (7223)072-0425
SERVICE TYPE: Regular
DATE IN: March 13, 2023
DATE OUT: March 21, 2023

COMPANY NAME	:	DEPA EV VE MUTFAK GERECLERI SAN VE TIC LTD STI (Address: Süleymaiye mh. Ismetiye Cad. No:10 Fatih/Istanbul) (Attn: Gizem GOKTAS gizem@demoonji.com
SAMPLE DESCRIPTION	:	6794 – Barok Smoked Gray Acrylic Bowl (S) (550ml)
MODEL/STYLE NO	:	5229900701 / 4494000701 / 35910007001 / 6984900701 / 7190900701 / 2739600701 / 8068200701 / 4988900701 / 7698700701
SUPLIER CODE	:	/
BUYER	:	TEDi GmbH & Co. KG
MANUFACTURER	:	DEPA EV VE MUTFAK GERECLERI SAN VE TIC LTD STI
PRODUCTION DATE	:	/
COUNTRY OF ORIGIN	:	TURKIYE
COUNTRY OF DESTINATION	:	GERMANY
OVERALL CONCLUSION	:	**PASS**

C/N GK/MO

BV CPS TEST LABORATUVARLARI LTD. STI.
BUREAU VERITAS CONSUMER PRODUCTS SERVICES
Yalcin Kores Caddesi No:22 Erdinc Binalari A Blok
2. Kule 1. Kat 34209 Gunesli, Istanbul / Turkey Tel:+90.212.494 35 35 Fax:+90.212.494 35 60
email:info.turkey@bvcps.com.tr
website: www.bureauveritas.com/cps

SUMMARY OF TEST RESULTS	
TEST REQUIRED	**Conclusion**
Overall Migration with 3% Acetic Acid **(Simulant B)** for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments*	P
Overall Migration with 10% Ethanol **(Simulant A)** for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments*	P
Overall Migration with 20% Ethanol **(Simulant C)** for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments*	P
Overall Migration with 95% Ethanol **(Simulant S1)** for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments*	P
Overall Migration with Isooctane **(Simulant S2)** for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments*	P
Sensory Test (Odour and Taste) - Simulant Water	P
Phthalates*	P
* IAS Accredited Tests	

REMARKS		
1	**:**	P: Pass, F: Fail, DATA: No Evaluation
2	**:**	The reported expanded uncertainty is based on the standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%. Unless otherwise is specified, the uncertainty of measurement has not been taken into account when assessing pass/fail of the sample against the requirements of the standard. In case consideration of measurement uncertainties when assessing pass/ fail limits, some results may be in borderline.
3	**:**	The test result, the uncertainties (if applicable) with confidence probability are given on the following pages which are part of this report.
4	**:**	Test reports without authorized signatures are invalid.
5	**:**	The test results included in the report belongs to only tested sample(s).

Bureau Veritas Consumer Products Services Turkey
BV CPS Test Lab. Ltd. Sti.

Muhammet Ozbay
Client Team Lead

Hasan Altingul
Deputy Operations Manager

C/N GK/MO

Pictures of the Submitted Samples

Sample A

C/N GK/MO

Component List / List of Materials for Chemical Tests				
Sample	**Item No**	**Component**	**Material**	**Colour**
A	I001	Barok Fume Bowl	Acrylic	Fume

C/N GK/MO

TEST RESULTS

Overall Migration with 3% Acetic Acid (Simulant B) for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments		
Test Method:	With reference to Commission Regulation (EU) No 2020/1245 of 2 September 2020 Annex III and Annex V for selection of condition and EN 1186-1/3 for selection of test methods.	
	BS EN 1186-3:2022 Materials and articles in contact with foodstuffs. Plastics - Test methods for overall migration in evaporable simulants.	
Test Conditions:	2 hours at 70 ºC	(3rd Migration)
Simulant Used:	3% Acetic Acid (W/V) Aqueous Solution	

Result(s) (mg/dm²) I001			
	1st migration	**2nd migration**	**3rd Migration**
Trial 1 :	<2.5	<2.5	<2.5
Trial 2 :	<2.5	<2.5	<2.5
Trial 3 :	<2.5	<2.5	<2.5
Average :	<2.5	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm² = milligram per square decimeter of foodstuff in contact with

Reporting Limit :	10 mg/kg – 2,5 mg/dm²
Permissible Limit :	60 mg/kg - 10 mg/dm²

Remark(s) :	**1.**	Permissible limit specified by Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm² or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	4.	The volume of simulant used is 0.1 L.
	5.	The ratio of surface area to volume ratio is 0.6 dm² per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 2020/1245 of 2 September 2020.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

C/N GK/MO

TEST RESULTS

Overall Migration with 10% Ethanol (Simulant A) for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/21245 and Its Amendments		
Test Method :	With reference to Commission Regulation (EU) No 2020/1245 of 2 September 2020 Annex III and Annex V for selection of condition and EN 1186-1/3 for selection of test methods.	
	BS EN 1186-3:2022 Materials and articles in contact with foodstuffs. Plastics - Test methods for overall migration in evaporable simulants.	
Test Conditions:	2 hours at 70 ºC	(3^{rd} Migration)
Simulant Used:	10% Ethanol (V/V) Aqueous Solution	

Result(s) (mg/dm^2) I001			
	1^{st} migration	**2^{nd} migration**	**3^{rd} Migration**
Trial 1 :	<2.5	<2.5	<2.5
Trial 2 :	<2.5	<2.5	<2.5
Trial 3 :	<2.5	<2.5	<2.5
Average :	<2.5	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm^2 = milligram per square decimeter of foodstuff in contact with

Reporting Limit :	10 mg/kg – 2,5 mg/dm^2
Permissible Limit :	60 mg/kg - 10 mg/dm^2

Remark(s) :	**1.**	Permissible limit specified by Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm^2 or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	4.	The volume of simulant used is 0.1 L.
	5.	The ratio of surface area to volume ratio is 0.6 dm^2 per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 2020/1245 of 2 September 2020.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

C/N GK/MO

TEST RESULTS

Overall Migration with 20% Ethanol (Simulant C) for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments		
Test Method:	With reference to Commission Regulation (EU) No 2020/1245 of 2 September 2020 Annex III and Annex V for selection of condition and EN 1186-1/3 for selection of test methods.	
	BS EN 1186-3:2022 Materials and articles in contact with foodstuffs. Plastics - Test methods for overall migration in evaporable simulants.	
Test Conditions:	2 hours at 70 ºC	(3rd Migration)
Simulant Used:	20% Ethanol (V/V) Aqueous Solution	

Result(s) (mg/dm²) I001			
	1st migration	**2nd migration**	**3rd migration**
Trial 1 :	<2.5	<2.5	<2.5
Trial 2 :	<2.5	<2.5	<2.5
Trial 3 :	<2.5	<2.5	<2.5
Average :	<2.5	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm^2 = milligram per square decimeter of foodstuff in contact with

Reporting Limit :	10 mg/kg – 2,5 mg/dm^2
Permissible Limit :	60 mg/kg - 10 mg/dm^2

Remark(s) :	**1.**	Permissible limit specified by Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm^2 or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	4.	The volume of simulant used is 0.1 L.
	5.	The ratio of surface area to volume ratio is 0.6 dm^2 per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 2020/1245 of 2 September 2020.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

C/N GK/MO

TEST RESULTS

Overall Migration with 95% Ethanol (Simulant S1) for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments		
Test Method:	With reference to Commission Regulation (EU) No 2020/1245 of 2 September 2020 Annex III and Annex V for selection of condition and EN 1186-1/3 for selection of test methods.	
	BS EN 1186-3:2022 Materials and articles in contact with foodstuffs. Plastics - Test methods for overall migration in evaporable simulants.	
Test Conditions:	2 hours at 70 °C, Performed at : 2 hours at 60 °C	(3rd Migration)
Simulant Used:	95% Ethanol (V/V) Aqueous Solution	

Result(s) (mg/dm²) **I001**			
	1st migration	**2nd migration**	**3rd Migration**
Trial 1 :	<2.5	<2.5	<2.5
Trial 2 :	<2.5	<2.5	<2.5
Trial 3 :	<2.5	<2.5	<2.5
Average :	<2.5	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm² = milligram per square decimeter of foodstuff in contact with
	* Further verification by vegetable oil is recommended for compliance confirmation if the material of the sample is not Nylon, PVC, Organic Coating, Hard and Rigid Plastics, PS, SAN, ABS, Melamine.

Reporting Limit :	10 mg/kg – 2,5 mg/dm²
Permissible Limit :	60 mg/kg - 10 mg/dm²

Remark(s) :	1.	Permissible limit specified by Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm² or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	4.	The volume of simulant used is 0.1 L.
	5.	The ratio of surface area to volume ratio is 0.6 dm² per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 2020/1245 of 2 September 2020.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

C/N GK/MO

TEST RESULTS

Overall Migration with Isooctane (Simulant S2) for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments		
Test Method:	With reference to Commission Regulation (EU) No 2020/1245 of 2 September 2020 Annex III and Annex V for selection of condition and EN 1186-1/3 for selection of test methods.	
	BS EN 1186-3:2022 Materials and articles in contact with foodstuffs. Plastics - Test methods for overall migration in evaporable simulants.	
Test Conditions:	2 hours at 70 ºC, Performed at : 0.5 hours at 40 ºC	(3rd Migration)
Simulant Used:	Isooctane	

Result(s) (mg/dm²) **I001**			
	1st migration	**2nd migration**	**3rd Migration**
Trial 1 :	<2.5	<2.5	<2.5
Trial 2 :	<2.5	<2.5	<2.5
Trial 3 :	<2.5	<2.5	<2.5
Average :	<2.5	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm^2 = milligram per square decimeter of foodstuff in contact with
	* Further verification by vegetable oil is recommended for compliance confirmation if the material of the sample is not Nylon, PVC, Organic Coating, Hard and Rigid Plastics, PS, SAN, ABS, Melamine.

Reporting Limit :	10 mg/kg – 2,5 mg/dm^2
Permissible Limit :	60 mg/kg - 10 mg/dm^2

Remark(s) :	**1.**	Permissible limit specified by Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm^2 or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	4.	The volume of simulant used is 0.1 L.
	5.	The ratio of surface area to volume ratio is 0.6 dm^2 per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 2020/1245 of 2 September 2020.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

C/N GK/MO

TEST RESULTS

Sensory Test (Odour and Taste) - Simulant Water

Test method: BV CPS In House Method, CPSD-AN-00084-MTHD, DIN 10955

Test condition: Water, 2 hours - 70^0C

-	Results				Conc.
Tested Item(s)	**Parameter**	**Limit**	**Conc.**	**Unit**	
I001	Change of Odour	≤ 2.5	0.0	-	Pass
	Change of Taste	≤ 2.5	0.0	-	Pass

Off-odour in comparison with control
0 = no perceptible off-odour
1 = off-odour just perceptible (but still difficult to define)
2 = slight off-odour
3 = distinct off-odour
4 = strong off-odour

Off-taste in comparison with control
0 = no perceptible off-taste
1 = off-taste just perceptible (but still difficult to define)
2 = slight off-taste
3 = distinct off-taste
4 = strong off-taste

C/N GK/MO

TEST RESULT

Phthalates Content

Test Method : CPSD-AN-00095-MTHD/45
Quantification analysis by GC-MS or LC-DAD-MS

Maximum Limit:	**1000 mg/kg**

Tested Item(s)	**Result**			**Conclusion**
	Detected Analyte(s)	**Conc.**	**Unit**	
I001	/	ND	mg/kg	PASS

Note:

ND = Not detected
mg/kg = milligram(s) per kilogram
10 000 mg/kg = 1 %
Detection Limit (mg/kg) - 50 each

">" = Greater than
mg/kg = ppm = part(s) per million
% = percent

Conc. = Concentration

Remark:

- The list of Phthalates is summarized in table of Appendix.

C/N GK/MO

APPENDIX A –LIST OF MEASUREMENT UNCERTAINTIES		
TEST NAME	STANDARD NAME	MEASUREMENT UNCERTAINTY
Phthalates Content	CPSD-AN-00095-MTHD	± %14.59

APPENDIX			
Test Name	**Standard**	**In-house Method**	**Measurement Uncertainity**
Overall Migration: Total Immersion Method – Simulant B	BS EN 1186-3	CPSD-AN-00800-MTHD	± % 9,7
Overall Migration: Total Immersion Method – Simulant A	BS EN 1186-3	CPSD-AN-00800-MTHD	± % 10,0
Overall Migration: Total Immersion Method – Simulant C	BS EN 1186-3	CPSD-AN-00800-MTHD	± % 9,5
Overall Migration: Total Immersion Method – Simulant S1	BS EN 1186-3	CPSD-AN-00800-MTHD	± % 9,7
Overall Migration: Total Immersion Method – Simulant S2	BS EN 1186-3	CPSD-AN-00800-MTHD	± % 8,8

APPENDIX

List of Phthalates:					
No.	**Name of Analytes**	**CAS-No.**	**No.**	**Name of Analytes**	**CAS-No.**
1	Dibutyl phthalate (DBP)	84-74-2	5	Diisobutyl phthalate (DiBP)	84-69-5
2	Di-iso-decyl phthalate (DIDP)	26761-40-0 and 68515-49-1	6	Benzyl butyl phthalate (BBP)	85-68-7
3	Di-isononyl phthalate (DINP)	28553-12-0 and 68515-48-0	7	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7
4	Di-n-octyl phthalate (DNOP)	117-84-0			

-END OF REPORT-

C/N GK/MO

TEST REPORT

TL-961
72230720426
21.03.2023

LAB LOCATION: TURKEY
LAB NO. : (7223)072-0426
SERVICE TYPE: Regular
DATE IN: March 13, 2023
DATE OUT: March 21, 2023

COMPANY NAME	:	DEPA EV VE MUTFAK GERECLERI SAN VE TIC LTD STI (Address: Süleymaiye mh. Ismetiye Cad. No:10 Fatih/Istanbul) (Attn: Gizem GOKTAS gizem@demoonji.com
SAMPLE DESCRIPTION	:	6523 – Soft White Acrylic Bowl (3.35 Lt)
MODEL/STYLE NO	:	4424900701 / 6453200701
SUPLIER CODE	:	/
BUYER	:	TEDi GmbH & Co. KG
MANUFACTURER	:	DEPA EV VE MUTFAK GERECLERI SAN VE TIC LTD STI
PRODUCTION DATE	:	/
COUNTRY OF ORIGIN	:	TURKIYE
COUNTRY OF DESTINATION	:	GERMANY
OVERALL CONCLUSION	:	**PASS**

C/N GK/MO

BV CPS TEST LABORATUVARLARI LTD. STI.
BUREAU VERITAS CONSUMER PRODUCTS SERVICES
Yalcin Kores Caddesi No:22 Erdinc Binalari A Blok
2. Kule 1. Kat 34209 Gunesli, Istanbul / Turkey Tel:+90.212.494 35 35 Fax:+90.212.494 35 60
email:info.turkey@bvcps.com.tr
website: www.bureauveritas.com/cps

SUMMARY OF TEST RESULTS	
TEST REQUIRED	**Conclusion**
Overall Migration with 3% Acetic Acid **(Simulant B)** for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments*	P
Overall Migration with 10% Ethanol **(Simulant A)** for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments*	P
Overall Migration with 20% Ethanol **(Simulant C)** for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments*	P
Overall Migration with 95% Ethanol **(Simulant S1)** for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments*	P
Overall Migration with Isooctane **(Simulant S2)** for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments*	P
Overall Migration with MPPO (TENAX) **(Simulant E)** for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments*	P
Sensory Test (Odour and Taste) - Simulant Water	P
Phthalates*	P
* IAS Accredited Tests	

REMARKS		
1	**:**	P: Pass, F: Fail, DATA: No Evaluation
2	**:**	The reported expanded uncertainty is based on the standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%. Unless otherwise is specified, the uncertainty of measurement has not been taken into account when assessing pass/fail of the sample against the requirements of the standard. In case consideration of measurement uncertainties when assessing pass/ fail limits, some results may be in borderline.
3	**:**	The test result, the uncertainties (if applicable) with confidence probability are given on the following pages which are part of this report.
4	**:**	Test reports without authorized signatures are invalid.
5	**:**	The test results included in the report belongs to only tested sample(s).

Bureau Veritas Consumer Products Services Turkey
BV CPS Test Lab. Ltd. Sti.

Muhammet Ozbay
Client Team Lead

Hasan Altingul
Deputy Operations Manager

C/N GK/MO

Pictures of the Submitted Samples

Sample A

C/N GK/MO

Component List / List of Materials for Chemical Tests				
Sample	**Item No**	**Component**	**Material**	**Colour**
A	I001	White Bowl	Acrylic	White

C/N GK/MO

TEST RESULTS

Overall Migration with 3% Acetic Acid (Simulant B) for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments		
Test Method:	With reference to Commission Regulation (EU) No 2020/1245 of 2 September 2020 Annex III and Annex V for selection of condition and EN 1186-1/3 for selection of test methods.	
	BS EN 1186-3:2022 Materials and articles in contact with foodstuffs. Plastics - Test methods for overall migration in evaporable simulants.	
Test Conditions:	2 hours at 70 °C	(3rd Migration)
Simulant Used:	3% Acetic Acid (W/V) Aqueous Solution	

Result(s) (mg/dm²)
I001

	1st migration	**2nd migration**	**3rd Migration**
Trial 1 :	<2.5	<2.5	<2.5
Trial 2 :	<2.5	<2.5	<2.5
Trial 3 :	<2.5	<2.5	<2.5
Average :	<2.5	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm² = milligram per square decimeter of foodstuff in contact with

Reporting Limit :	10 mg/kg – 2,5 mg/dm²
Permissible Limit :	60 mg/kg - 10 mg/dm²

Remark(s) :	**1.**	Permissible limit specified by Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm² or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	4.	The volume of simulant used is 0.1 L.
	5.	The ratio of surface area to volume ratio is 0.6 dm² per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 2020/1245 of 2 September 2020.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

C/N GK/MO

TEST RESULTS

Overall Migration with 10% Ethanol (Simulant A) for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/21245 and Its Amendments		
Test Method :	With reference to Commission Regulation (EU) No 2020/1245 of 2 September 2020 Annex III and Annex V for selection of condition and EN 1186-1/3 for selection of test methods.	
	BS EN 1186-3:2022 Materials and articles in contact with foodstuffs. Plastics - Test methods for overall migration in evaporable simulants.	
Test Conditions:	2 hours at 70 °C	(3rd Migration)
Simulant Used:	10% Ethanol (V/V) Aqueous Solution	

Result(s) (mg/dm²) I001			
	1st migration	**2nd migration**	**3rd Migration**
Trial 1 :	<2.5	<2.5	<2.5
Trial 2 :	<2.5	<2.5	<2.5
Trial 3 :	<2.5	<2.5	<2.5
Average :	<2.5	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm^2 = milligram per square decimeter of foodstuff in contact with

Reporting Limit :	10 mg/kg – 2,5 mg/dm^2
Permissible Limit :	60 mg/kg - 10 mg/dm^2

Remark(s) :	**1.**	Permissible limit specified by Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm^2 or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	4.	The volume of simulant used is 0.1 L.
	5.	The ratio of surface area to volume ratio is 0.6 dm^2 per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 2020/1245 of 2 September 2020.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

C/N GK/MO

TEST RESULTS

Overall Migration with 20% Ethanol (Simulant C) for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments		
Test Method:	With reference to Commission Regulation (EU) No 2020/1245 of 2 September 2020 Annex III and Annex V for selection of condition and EN 1186-1/3 for selection of test methods.	
	BS EN 1186-3:2022 Materials and articles in contact with foodstuffs. Plastics - Test methods for overall migration in evaporable simulants.	
Test Conditions:	2 hours at 70 ºC	(3rd Migration)
Simulant Used:	20% Ethanol (V/V) Aqueous Solution	

Result(s) (mg/dm²)
I001

	1st migration	**2nd migration**	**3rd migration**
Trial 1 :	<2.5	<2.5	<2.5
Trial 2 :	<2.5	<2.5	<2.5
Trial 3 :	<2.5	<2.5	<2.5
Average :	<2.5	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm² = milligram per square decimeter of foodstuff in contact with

Reporting Limit :	10 mg/kg – 2,5 mg/dm²
Permissible Limit :	60 mg/kg - 10 mg/dm²

Remark(s) :	**1.**	Permissible limit specified by Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm² or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	4.	The volume of simulant used is 0.1 L.
	5.	The ratio of surface area to volume ratio is 0.6 dm² per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 2020/1245 of 2 September 2020.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

C/N GK/MO

TEST RESULTS

Overall Migration with 95% Ethanol (Simulant S1) for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments		
Test Method:	With reference to Commission Regulation (EU) No 2020/1245 of 2 September 2020 Annex III and Annex V for selection of condition and EN 1186-1/3 for selection of test methods.	
	BS EN 1186-3:2022 Materials and articles in contact with foodstuffs. Plastics - Test methods for overall migration in evaporable simulants.	
Test Conditions:	2 hours at 70 °C, Performed at : 2 hours at 60 °C	(3rd Migration)
Simulant Used:	95% Ethanol (V/V) Aqueous Solution	

Result(s) (mg/dm^2) **I001**			
	1st migration	**2nd migration**	**3rd Migration**
Trial 1 :	4.17	<2.5	<2.5
Trial 2 :	3.67	<2.5	<2.5
Trial 3 :	4.33	<2.5	<2.5
Average :	4.06	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm^2 = milligram per square decimeter of foodstuff in contact with
	* Further verification by vegetable oil is recommended for compliance confirmation if the material of the sample is not Nylon, PVC, Organic Coating, Hard and Rigid Plastics, PS, SAN, ABS, Melamine.

Reporting Limit :	10 mg/kg – 2,5 mg/dm^2
Permissible Limit :	60 mg/kg - 10 mg/dm^2

Remark(s) :	1.	Permissible limit specified by Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm^2 or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	4.	The volume of simulant used is 0.1 L.
	5.	The ratio of surface area to volume ratio is 0.6 dm^2 per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 2020/1245 of 2 September 2020.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

C/N GK/MO

TEST RESULTS

Overall Migration with Isooctane (Simulant S2) for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments		
Test Method:	With reference to Commission Regulation (EU) No 2020/1245 of 2 September 2020 Annex III and Annex V for selection of condition and EN 1186-1/3 for selection of test methods.	
	BS EN 1186-3:2022 Materials and articles in contact with foodstuffs. Plastics - Test methods for overall migration in evaporable simulants.	
Test Conditions:	2 hours at 70 ºC, Performed at : 0.5 hours at 40 ºC	(3rd Migration)
Simulant Used:	Isooctane	

Result(s) (mg/dm²) **I001**			
	1st migration	**2nd migration**	**3rd Migration**
Trial 1 :	<2.5	<2.5	<2.5
Trial 2 :	<2.5	<2.5	<2.5
Trial 3 :	<2.5	<2.5	<2.5
Average :	<2.5	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm^2 = milligram per square decimeter of foodstuff in contact with
	* Further verification by vegetable oil is recommended for compliance confirmation if the material of the sample is not Nylon, PVC, Organic Coating, Hard and Rigid Plastics, PS, SAN, ABS, Melamine.

Reporting Limit :	10 mg/kg – 2,5 mg/dm^2
Permissible Limit :	60 mg/kg - 10 mg/dm^2

Remark(s) :	**1.**	Permissible limit specified by Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm^2 or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	4.	The volume of simulant used is 0.1 L.
	5.	The ratio of surface area to volume ratio is 0.6 dm^2 per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 2020/1245 of 2 September 2020.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

C/N GK/MO

TEST RESULTS

Overall Migration with MPPO (TENAX) (Simulant E) for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments		
Test Method:	With reference to Commission Regulation (EU) No 2020/1245 of 2 September 2020 Annex III and Annex V for selection of condition and EN 1186-1 for selection of test methods.	
	EN 1186-13 test method for overall migration at high temperatures;	
Test Conditions:	2 hours at 70 ºC	(3rd Migration)
Simulant Used:	MPPO (TENAX) (Simulant E)	
Simulant Amount:	4 g used per surface area (dm^2)	

Result(s) (mg/dm^2) **I001**			
	1st migration	**2nd migration**	**3rd Migration**
Trial 1 :	3.85	<2.5	<2.5
Trial 2 :	4.62	<2.5	<2.5
Trial 3 :	3.08	<2.5	<2.5
Average :	3.85	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/dm^2 = milligram per square decimeter of foodstuff in contact with
	mg/kg = milligram per kilogram of foodstuff in contact with

Reporting Limit :	10 mg/kg – 2,5 mg/dm^2
Permissible Limit :	60 mg/kg - 10 mg/dm^2

Remark(s) :	1.	Permissible limit specified by Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	2.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.

C/N GK/MO

TEST RESULTS

Sensory Test (Odour and Taste) - Simulant Water

Test method: BV CPS In House Method, CPSD-AN-00084-MTHD, DIN 10955

Test condition: Water, 2 hours - 70^{0}C

-	Results				Conc.
Tested Item(s)	**Parameter**	**Limit**	**Conc.**	**Unit**	
I001	Change of Odour	≤ 2.5	0.0	-	Pass
	Change of Taste	≤ 2.5	0.0	-	Pass

Off-odour in comparison with control
0 = no perceptible off-odour
1 = off-odour just perceptible (but still difficult to define)
2 = slight off-odour
3 = distinct off-odour
4 = strong off-odour

Off-taste in comparison with control
0 = no perceptible off-taste
1 = off-taste just perceptible (but still difficult to define)
2 = slight off-taste
3 = distinct off-taste
4 = strong off-taste

C/N GK/MO

TEST RESULT

Phthalates Content

Test Method : CPSD-AN-00095-MTHD/45
Quantification analysis by GC-MS or LC-DAD-MS

Maximum Limit:	**1000 mg/kg**

Tested Item(s)	**Result**			**Conclusion**
	Detected Analyte(s)	**Conc.**	**Unit**	
I001	/	ND	mg/kg	PASS

Note:

ND = Not detected
mg/kg = milligram(s) per kilogram
10 000 mg/kg = 1 %
Detection Limit (mg/kg) - 50 each

">" = Greater than
mg/kg = ppm = part(s) per million
% = percent

Conc. = Concentration

Remark:

- The list of Phthalates is summarized in table of Appendix.

C/N GK/MO

APPENDIX A –LIST OF MEASUREMENT UNCERTAINTIES		
TEST NAME	STANDARD NAME	MEASUREMENT UNCERTAINTY
Phthalates Content	CPSD-AN-00095-MTHD	± %14.59

APPENDIX			
Test Name	**Standard**	**In-house Method**	**Measurement Uncertainity**
Overall Migration: Total Immersion Method – Simulant B	BS EN 1186-3	CPSD-AN-00800-MTHD	± % 9,7
Overall Migration: Total Immersion Method – Simulant A	BS EN 1186-3	CPSD-AN-00800-MTHD	± % 10,0
Overall Migration: Total Immersion Method – Simulant C	BS EN 1186-3	CPSD-AN-00800-MTHD	± % 9,5
Overall Migration: Total Immersion Method – Simulant S1	BS EN 1186-3	CPSD-AN-00800-MTHD	± % 9,7
Overall Migration: Total Immersion Method – Simulant S2	BS EN 1186-3	CPSD-AN-00800-MTHD	± % 8,8
Overall Migration with Simulant E (MPPO) for Plastic and Paper	BS EN 1186-13	CPSD-AN-00801-MTHD	± % 11,8

APPENDIX

List of Phthalates:					
No.	**Name of Analytes**	**CAS-No.**	**No.**	**Name of Analytes**	**CAS-No.**
1	Dibutyl phthalate (DBP)	84-74-2	5	Diisobutyl phthalate (DiBP)	84-69-5
2	Di-iso-decyl phthalate (DIDP)	26761-40-0 and 68515-49-1	6	Benzyl butyl phthalate (BBP)	85-68-7
3	Di-isononyl phthalate (DINP)	28553-12-0 and 68515-48-0	7	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7
4	Di-n-octyl phthalate (DNOP)	117-84-0			

-END OF REPORT-

C/N GK/MO

TEST REPORT

TL-961
72230720429
21.03.2023

LAB LOCATION: TURKEY
LAB NO. : (7223)072-0429
SERVICE TYPE: Regular
DATE IN: March 13, 2023
DATE OUT: March 21, 2023

COMPANY NAME	:	DEPA EV VE MUTFAK GERECLERI SAN VE TIC LTD STI (Address: Süleymaiye mh. Ismetiye Cad. No:10 Fatih/Istanbul) (Attn: Gizem GOKTAS gizem@demoonji.com
SAMPLE DESCRIPTION	:	051 – Silver Acrylic Round Under Plate
MODEL/STYLE NO	:	6926100701
SUPLIER CODE	:	/
BUYER	:	TEDi GmbH & Co. KG
MANUFACTURER	:	DEPA EV VE MUTFAK GERECLERI SAN VE TIC LTD STI
PRODUCTION DATE	:	/
COUNTRY OF ORIGIN	:	TURKIYE
COUNTRY OF DESTINATION	:	GERMANY
OVERALL CONCLUSION	:	**PASS**

C/N GK/MO

BV CPS TEST LABORATUVARLARI LTD. STI.
BUREAU VERITAS CONSUMER PRODUCTS SERVICES
Yalcin Kores Caddesi No:22 Erdinc Binalari A Blok
2. Kule 1. Kat 34209 Gunesli, Istanbul / Turkey Tel:+90.212.494 35 35 Fax:+90.212.494 35 60
email:info.turkey@bvcps.com.tr
website: www.bureauveritas.com/cps

SUMMARY OF TEST RESULTS	
TEST REQUIRED	**Conclusion**
Overall Migration with 3% Acetic Acid **(Simulant B)** for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments*	P
Overall Migration with 10% Ethanol **(Simulant A)** for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments*	P
Overall Migration with 95% Ethanol **(Simulant S1)** for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments*	P
Overall Migration with Isooctane **(Simulant S2)** for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments*	P
Sensory Test (Odour and Taste) - Simulant Water	P
Phthalates*	P
* IAS Accredited Tests	

REMARKS		
1	**:**	P: Pass, F: Fail, DATA: No Evaluation
2	**:**	The reported expanded uncertainty is based on the standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%. Unless otherwise is specified, the uncertainty of measurement has not been taken into account when assessing pass/fail of the sample against the requirements of the standard. In case consideration of measurement uncertainties when assessing pass/ fail limits, some results may be in borderline.
3	**:**	The test result, the uncertainties (if applicable) with confidence probability are given on the following pages which are part of this report.
4	**:**	Test reports without authorized signatures are invalid.
5	**:**	The test results included in the report belongs to only tested sample(s).

Bureau Veritas Consumer Products Services Turkey
BV CPS Test Lab. Ltd. Sti.

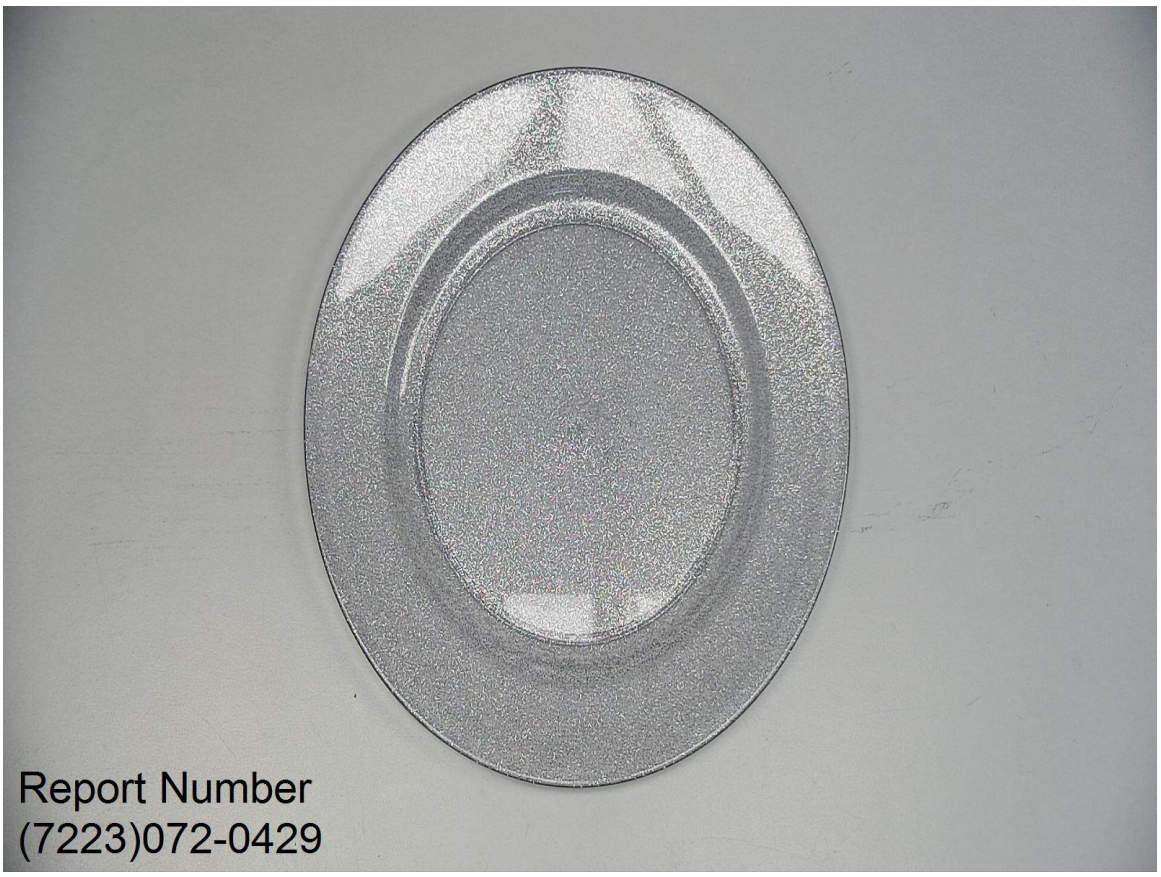
Muhammet Ozbay
Client Team Lead

Hasan Altingul
Deputy Operations Manager

C/N GK/MO

Pictures of the Submitted Samples

Sample A



C/N GK/MO

Component List / List of Materials for Chemical Tests				
Sample	**Item No**	**Component**	**Material**	**Colour**
A	I001	Silver Round Plate	Acrylic	Silver

C/N GK/MO

TEST RESULTS

Overall Migration with 3% Acetic Acid (Simulant B) for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments		
Test Method:	With reference to Commission Regulation (EU) No 2020/1245 of 2 September 2020 Annex III and Annex V for selection of condition and EN 1186-1/3 for selection of test methods.	
	BS EN 1186-3:2022 Materials and articles in contact with foodstuffs. Plastics - Test methods for overall migration in evaporable simulants.	
Test Conditions:	2 hours at 70 ºC	(3rd Migration)
Simulant Used:	3% Acetic Acid (W/V) Aqueous Solution	

Result(s) (mg/dm²) I001			
	1st migration	**2nd migration**	**3rd Migration**
Trial 1 :	<2.5	<2.5	<2.5
Trial 2 :	<2.5	<2.5	<2.5
Trial 3 :	<2.5	<2.5	<2.5
Average :	<2.5	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm² = milligram per square decimeter of foodstuff in contact with

Reporting Limit :	10 mg/kg – 2,5 mg/dm²
Permissible Limit :	60 mg/kg - 10 mg/dm²

Remark(s) :	**1.**	Permissible limit specified by Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm² or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	4.	The volume of simulant used is 0.1 L.
	5.	The ratio of surface area to volume ratio is 0.6 dm² per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 2020/1245 of 2 September 2020.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

C/N GK/MO

TEST RESULTS

Overall Migration with 10% Ethanol (Simulant A) for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/21245 and Its Amendments		
Test Method :	With reference to Commission Regulation (EU) No 2020/1245 of 2 September 2020 Annex III and Annex V for selection of condition and EN 1186-1/3 for selection of test methods.	
	BS EN 1186-3:2022 Materials and articles in contact with foodstuffs. Plastics - Test methods for overall migration in evaporable simulants.	
Test Conditions:	2 hours at 70 ºC	(3^{rd} Migration)
Simulant Used:	10% Ethanol (V/V) Aqueous Solution	

Result(s) (mg/dm^2) I001			
	1^{st} migration	**2^{nd} migration**	**3^{rd} Migration**
Trial 1 :	<2.5	<2.5	<2.5
Trial 2 :	<2.5	<2.5	<2.5
Trial 3 :	<2.5	<2.5	<2.5
Average :	<2.5	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm^2 = milligram per square decimeter of foodstuff in contact with

Reporting Limit :	10 mg/kg – 2,5 mg/dm^2
Permissible Limit :	60 mg/kg - 10 mg/dm^2

Remark(s) :	**1.**	Permissible limit specified by Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm^2 or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	4.	The volume of simulant used is 0.1 L.
	5.	The ratio of surface area to volume ratio is 0.6 dm^2 per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 2020/1245 of 2 September 2020.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

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TEST RESULTS

Overall Migration with 95% Ethanol (Simulant S1) for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments		
Test Method:	With reference to Commission Regulation (EU) No 2020/1245 of 2 September 2020 Annex III and Annex V for selection of condition and EN 1186-1/3 for selection of test methods.	
	BS EN 1186-3:2022 Materials and articles in contact with foodstuffs. Plastics - Test methods for overall migration in evaporable simulants.	
Test Conditions:	2 hours at 70 °C, Performed at : 2 hours at 60 °C	(3rd Migration)
Simulant Used:	95% Ethanol (V/V) Aqueous Solution	

Result(s) (mg/dm²) **I001**			
	1st migration	**2nd migration**	**3rd Migration**
Trial 1 :	4.00	<2.5	<2.5
Trial 2 :	3.67	<2.5	<2.5
Trial 3 :	4.00	<2.5	<2.5
Average :	3.89	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm² = milligram per square decimeter of foodstuff in contact with
	* Further verification by vegetable oil is recommended for compliance confirmation if the material of the sample is not Nylon, PVC, Organic Coating, Hard and Rigid Plastics, PS, SAN, ABS, Melamine.

Reporting Limit :	10 mg/kg – 2,5 mg/dm²
Permissible Limit :	60 mg/kg - 10 mg/dm²

Remark(s) :	1.	Permissible limit specified by Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm² or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	4.	The volume of simulant used is 0.1 L.
	5.	The ratio of surface area to volume ratio is 0.6 dm² per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 2020/1245 of 2 September 2020.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

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TEST RESULTS

Overall Migration with Isooctane (Simulant S2) for Plastic Materials in Contact with Foodstuffs per Commission Regulation (EU) No. 2020/1245 and Its Amendments		
Test Method:	With reference to Commission Regulation (EU) No 2020/1245 of 2 September 2020 Annex III and Annex V for selection of condition and EN 1186-1/3 for selection of test methods.	
	BS EN 1186-3:2022 Materials and articles in contact with foodstuffs. Plastics - Test methods for overall migration in evaporable simulants.	
Test Conditions:	2 hours at 70 ºC, Performed at : 0.5 hours at 40 ºC	(3rd Migration)
Simulant Used:	Isooctane	

Result(s) (mg/dm²) **I001**			
	1st migration	**2nd migration**	**3rd Migration**
Trial 1 :	<2.5	<2.5	<2.5
Trial 2 :	<2.5	<2.5	<2.5
Trial 3 :	<2.5	<2.5	<2.5
Average :	<2.5	<2.5	<2.5
Conclusion :	**Pass**		

Note(s) :	n.d. = not detected
	°C = degree Celsius
	mg/kg = milligram per kilogram of foodstuff in contact with
	mg/dm^2 = milligram per square decimeter of foodstuff in contact with
	* Further verification by vegetable oil is recommended for compliance confirmation if the material of the sample is not Nylon, PVC, Organic Coating, Hard and Rigid Plastics, PS, SAN, ABS, Melamine.

Reporting Limit :	10 mg/kg – 2,5 mg/dm^2
Permissible Limit :	60 mg/kg - 10 mg/dm^2

Remark(s) :	**1.**	Permissible limit specified by Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	2.	Analytical tolerance of aqueous simulants is 2 mg/dm^2 or 12 mg/kg.
	3.	Test condition & simulant were specified by client,/ according to Commission Regulation (EU) No 2020/1245 of 2 September 2020 with amendments.
	4.	The volume of simulant used is 0.1 L.
	5.	The ratio of surface area to volume ratio is 0.6 dm^2 per 1 kg of foodstuff in contact with.
	6.	Total food contact surface area of whole article is applied in the calculation of the result according to Commission Regulation (EU) No 2020/1245 of 2 September 2020.
	7.	Only food contact surface area of cap, gaskets, stopper or similar sealing article is applied in the calculation of the result.

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TEST RESULT

Phthalates Content

Test Method : CPSD-AN-00095-MTHD/45
Quantification analysis by GC-MS or LC-DAD-MS

Maximum Limit:	**1000 mg/kg**

Tested Item(s)	**Result**			**Conclusion**
	Detected Analyte(s)	**Conc.**	**Unit**	
I001	/	ND	mg/kg	PASS

Note:

ND = Not detected
mg/kg = milligram(s) per kilogram
10 000 mg/kg = 1 %
Detection Limit (mg/kg) - 50 each

">" = Greater than
mg/kg = ppm = part(s) per million
% = percent

Conc. = Concentration

Remark:

- The list of Phthalates is summarized in table of Appendix.

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TEST RESULTS

Sensory Test (Odour and Taste) - Simulant Water

Test method: BV CPS In House Method, CPSD-AN-00084-MTHD, DIN 10955

Test condition: Water, 2 hours - 70^0C

-	Results				Conc.
Tested Item(s)	**Parameter**	**Limit**	**Conc.**	**Unit**	
I001	Change of Odour	≤ 2.5	0.0	-	Pass
	Change of Taste	≤ 2.5	0.0	-	Pass

Off-odour in comparison with control
0 = no perceptible off-odour
1 = off-odour just perceptible (but still difficult to define)
2 = slight off-odour
3 = distinct off-odour
4 = strong off-odour

Off-taste in comparison with control
0 = no perceptible off-taste
1 = off-taste just perceptible (but still difficult to define)
2 = slight off-taste
3 = distinct off-taste
4 = strong off-taste

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APPENDIX A –LIST OF MEASUREMENT UNCERTAINTIES		
TEST NAME	STANDARD NAME	MEASUREMENT UNCERTAINTY
Phthalates Content	CPSD-AN-00095-MTHD	± %14.59

APPENDIX			
Test Name	**Standard**	**In-house Method**	**Measurement Uncertainity**
Overall Migration: Total Immersion Method – Simulant B	BS EN 1186-3	CPSD-AN-00800-MTHD	± % 9,7
Overall Migration: Total Immersion Method – Simulant A	BS EN 1186-3	CPSD-AN-00800-MTHD	± % 10,0
Overall Migration: Total Immersion Method – Simulant S1	BS EN 1186-3	CPSD-AN-00800-MTHD	± % 9,7
Overall Migration: Total Immersion Method – Simulant S2	BS EN 1186-3	CPSD-AN-00800-MTHD	± % 8,8

APPENDIX

List of Phthalates:					
No.	**Name of Analytes**	**CAS-No.**	**No.**	**Name of Analytes**	**CAS-No.**
1	Dibutyl phthalate (DBP)	84-74-2	5	Diisobutyl phthalate (DiBP)	84-69-5
2	Di-iso-decyl phthalate (DIDP)	26761-40-0 and 68515-49-1	6	Benzyl butyl phthalate (BBP)	85-68-7
3	Di-isononyl phthalate (DINP)	28553-12-0 and 68515-48-0	7	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7
4	Di-n-octyl phthalate (DNOP)	117-84-0			

-END OF REPORT-

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