Report No. 4955303.54 Version 1 **Issued Date: 2026-06-16**

Test Report

Client	:	Flashbay Electronics Huizhou Building2, Jixun Industrial Park, Xinjiao, Dong'ao Village, Shatian Town, Huiyang District, Huizhou City, Guangdong Province, P.R. China
Product Name	:	Foodware
Type(s)	:	Snacks (SNK)
Reference Information [Δ]	:	Refer to Annex

The information and sample(s) above were submitted and identified by or on behalf of the client.

Sample Received	:	2026-04-08
Testing Period	:	2026-04-08 to 2026-04-29

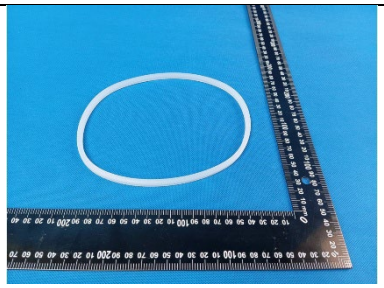
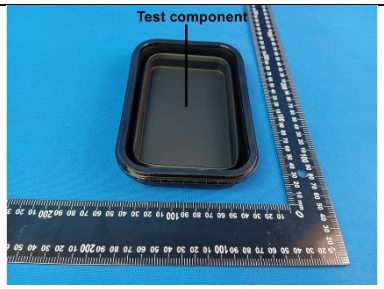
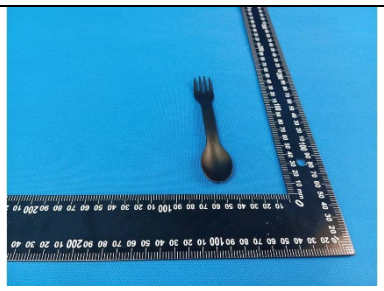
Test Requested		***Result***
1.	Regulation (EC) No 1935/2004, Regulation (EU) 10/2011, EU 2020/1245 and its amendments	
	- Overall migration	PASS
	- Specific migration of heavy metals	PASS
	- Specific migration of primary aromatic amine	PASS
2.	Council Europe Resolution AP (2004) 5 on Silicones Used for Food Contact Applications	
	- Overall migration	PASS

Signed for and on behalf of
DEKRA Testing and Certification (Shanghai) Ltd., Guangzhou branch

Devin Ai
Approver

Picture of Sample Tested

Tested Sample Description:

No.	Specimen Description	Material(s) (claimed by applicant)	Photo
1.	Seal ring	Silicone (Translucence)	
2.	Body	Silicone (Black)	
3.	Lid	PP (Translucence)	
4.	Fork	PP (Black)	

TEST RESULTS

1. Regulation (EC) No 1935/2004, Regulation (EU) 10/2011, EU 2020/1245 and its amendments

Overall migration

With reference to (EU) No.10/2011 and its amendments, analysis by method EN 1186-3: 2022.

Parameter	Test Condition	Result (mg/dm^2) (3)			Limit (mg/dm^2)
		1st	2nd	3rd	
Overall migration	10%(v/v) Ethanol, 70℃, 2 h	<3	<3	<3	10
	3%(w/v) Acetic acid, 70℃, 2 h	<3	<3	<3	10
	95%(v/v) Ethanol, 60℃, 2 h	<3	<3	<3	10
	Iso-octane, 40℃, 0.5 h	<3	<3	<3	10

Parameter	Test Condition	Result (mg/dm^2) (4)			Limit (mg/dm^2)
		1st	2nd	3rd	
Overall migration	10%(v/v) Ethanol, 100℃, 4 h	<3	<3	<3	10
	3%(w/v) Acetic acid, 100℃, 4 h	<3	<3	<3	10
	95%(v/v) Ethanol, 60℃, 6 h	<3	<3	<3	10
	Iso-octane, 60℃, 4 h	3.7	<3	<3	10

Remark:

1. mg/dm^2 = milligram per square decimeter

Specific migration of heavy metals

With reference to (EU) No. 2020/1245 for selection of conditions and test method for specific migration. Analysis was performed by inductively coupled plasma optical emission spectrometer (ICP-OES) and inductively coupled plasma mass spectrometer (ICP-MS).

Parameter	Test Condition	Result (mg/kg) (3)			MDL (mg/kg)	Limit (mg/kg)
		1st	2nd	3rd		
Barium (Ba)	3%(w/v) Acetic acid, 70℃, 2 h	N.D.	N.D.	N.D.	0.1	1
Cobalt (Co)		N.D.	N.D.	N.D.	0.03	0.05
Copper (Cu)		N.D.	N.D.	N.D.	0.5	5
Iron (Fe)		N.D.	N.D.	N.D.	5.0	48
Lithium (Li)		N.D.	N.D.	N.D.	0.1	0.6
Manganese (Mn)		N.D.	N.D.	N.D.	0.1	0.6
Zinc (Zn)		N.D.	N.D.	N.D.	1	5
Aluminum (Al)		N.D.	N.D.	N.D.	0.5	1
Nickel (Ni)		N.D.	N.D.	N.D.	0.02	0.02
Antimony (Sb)		N.D.	N.D.	N.D.	0.01	0.04
Arsenic (As)		N.D.	N.D.	N.D.	0.01	N.D.
Cadmium (Cd)		N.D.	N.D.	N.D.	0.002	N.D.
Chromium (Cr)		N.D.	N.D.	N.D.	0.01	N.D.
Lead (Pb)		N.D.	N.D.	N.D.	0.01	N.D.
Mercury (Hg)		N.D.	N.D.	N.D.	0.01	N.D.
Lanthanum (La)		N.D.	N.D.	N.D.	0.01	0.05
Europium (Eu)		N.D.	N.D.	N.D.	0.01	
Gadolinium (Gd)		N.D.	N.D.	N.D.	0.01	
Terbium (Tb)		N.D.	N.D.	N.D.	0.01	
Tungsten (W)		N.D.	N.D.	N.D.	0.01	0.05

Parameter	Test Condition	Result (mg/kg) (4)			MDL (mg/kg)	Limit (mg/kg)
		1st	2nd	3rd		
Barium (Ba)	3%(w/v) Acetic acid, 100℃, 2 h	N.D.	N.D.	N.D.	0.1	1
Cobalt (Co)		N.D.	N.D.	N.D.	0.03	0.05
Copper (Cu)		N.D.	N.D.	N.D.	0.5	5
Iron (Fe)		N.D.	N.D.	N.D.	5.0	48
Lithium (Li)		N.D.	N.D.	N.D.	0.1	0.6
Manganese (Mn)		N.D.	N.D.	N.D.	0.1	0.6
Zinc (Zn)		N.D.	N.D.	N.D.	1	5
Aluminum (Al)		N.D.	N.D.	N.D.	0.5	1
Nickel (Ni)		N.D.	N.D.	N.D.	0.02	0.02
Antimony (Sb)		N.D.	N.D.	N.D.	0.01	0.04
Arsenic (As)		N.D.	N.D.	N.D.	0.01	N.D.
Cadmium (Cd)		N.D.	N.D.	N.D.	0.002	N.D.
Chromium (Cr)		N.D.	N.D.	N.D.	0.01	N.D.
Lead (Pb)		N.D.	N.D.	N.D.	0.01	N.D.

Parameter	Test Condition	Result (mg/kg) (4)			MDL (mg/kg)	Limit (mg/kg)
		1st	2nd	3rd		
Mercury (Hg)		N.D.	N.D.	N.D.	0.01	N.D.
Lanthanum (La)		N.D.	N.D.	N.D.	0.01	0.05
Europium (Eu)		N.D.	N.D.	N.D.	0.01	
Gadolinium (Gd)		N.D.	N.D.	N.D.	0.01	
Terbium (Tb)		N.D.	N.D.	N.D.	0.01	
Tungsten (W)		N.D.	N.D.	N.D.	0.01	0.05

Remark:

1. mg/kg = milligram per kilogram
2. N.D. = Not Detected (below MDL)
3. MDL = Method Detection Limit

Specific migration of Primary Aromatic Amine (PAA)

With reference to (EU) No. 2020/1245, analysis was performed by Liquid chromatography tandem mass spectrometry.

Parameter	Test Condition	Result (mg/kg) (3)			MDL (mg/kg)	Limit (mg/kg)
		1st	2nd	3rd		
4-Aminobiphenyl	3%(w/v) Acetic acid, 70℃, 2 h	N.D.	N.D.	N.D.	0.002	N.D.
Benzidine		N.D.	N.D.	N.D.	0.002	N.D.
4-Chloro-o-Toluidine		N.D.	N.D.	N.D.	0.002	N.D.
2-Naphthylamine		N.D.	N.D.	N.D.	0.002	N.D.
o-Aminoazotoluene		N.D.	N.D.	N.D.	0.002	N.D.
5-Nitro-o-toluidine		N.D.	N.D.	N.D.	0.002	N.D.
4-Chloro-Aniline		N.D.	N.D.	N.D.	0.002	N.D.
4-Methoxy-m-phenylenediamine		N.D.	N.D.	N.D.	0.002	N.D.
4,4'-Methylenedianiline		N.D.	N.D.	N.D.	0.002	N.D.
3,3'-Dichlorobenzidine		N.D.	N.D.	N.D.	0.002	N.D.
3.3'-Dimethoxybenzidine		N.D.	N.D.	N.D.	0.002	N.D.
3,3'-Dimethylbenzidine		N.D.	N.D.	N.D.	0.002	N.D.
4,4-Methylenedi-o-toluidine		N.D.	N.D.	N.D.	0.002	N.D.
2-Methoxy-5-Methylaniline		N.D.	N.D.	N.D.	0.002	N.D.
4,4'-Methylene bis(2-chloroaniline)		N.D.	N.D.	N.D.	0.002	N.D.
4,4-Diaminodiphenylether		N.D.	N.D.	N.D.	0.002	N.D.
4,4'-Thioaniline		N.D.	N.D.	N.D.	0.002	N.D.

Parameter	Test Condition	Result (mg/kg) (3)			MDL (mg/kg)	Limit (mg/kg)
		1st	2nd	3rd		
o-Toluidine		N.D.	N.D.	N.D.	0.002	N.D.
2,4-Toluenediamine		N.D.	N.D.	N.D.	0.002	N.D.
2,4,5-Trimethylaniline		N.D.	N.D.	N.D.	0.002	N.D.
o-Anisidine		N.D.	N.D.	N.D.	0.002	N.D.
4-Aminoazobenzol		N.D.	N.D.	N.D.	0.002	N.D.
Other PAAs		N.D.	N.D.	N.D.	0.002	0.01

Parameter	Test Condition	Result (mg/kg) (4)			MDL (mg/kg)	Limit (mg/kg)
		1st	2nd	3rd		
4-Aminobiphenyl	3%(w/v) Acetic acid, 100℃, 2 h	N.D.	N.D.	N.D.	0.002	N.D.
Benzidine		N.D.	N.D.	N.D.	0.002	N.D.
4-Chloro-o-Toluidine		N.D.	N.D.	N.D.	0.002	N.D.
2-Naphthylamine		N.D.	N.D.	N.D.	0.002	N.D.
o-Aminoazotoluene		N.D.	N.D.	N.D.	0.002	N.D.
5-Nitro-o-toluidine		N.D.	N.D.	N.D.	0.002	N.D.
4-Chloro-Aniline		N.D.	N.D.	N.D.	0.002	N.D.
4-Methoxy-m-phenylenediamine		N.D.	N.D.	N.D.	0.002	N.D.
4,4’-Methylenedianiline		N.D.	N.D.	N.D.	0.002	N.D.
3,3'-Dichlorobenzidine		N.D.	N.D.	N.D.	0.002	N.D.
3.3'-Dimethoxybenzidine		N.D.	N.D.	N.D.	0.002	N.D.
3,3’-Dimethylbenzidine		N.D.	N.D.	N.D.	0.002	N.D.
4,4-Methylenedi-o-toluidine		N.D.	N.D.	N.D.	0.002	N.D.
2-Methoxy-5-Methylaniline		N.D.	N.D.	N.D.	0.002	N.D.
4,4'-Methylene bis(2-chloroaniline)		N.D.	N.D.	N.D.	0.002	N.D.
4,4-Diaminodiphenylether		N.D.	N.D.	N.D.	0.002	N.D.
4,4'-Thioaniline		N.D.	N.D.	N.D.	0.002	N.D.
o-Toluidine		N.D.	N.D.	N.D.	0.002	N.D.
2,4-Toluenediamine		N.D.	N.D.	N.D.	0.002	N.D.
2,4,5-Trimethylaniline		N.D.	N.D.	N.D.	0.002	N.D.
o-Anisidine		N.D.	N.D.	N.D.	0.002	N.D.
4-Aminoazobenzol		N.D.	N.D.	N.D.	0.002	N.D.
Other PAAs		N.D.	N.D.	N.D.	0.002	0.01

Remark:

1. mg/kg = milligram per kilogram
2. N.D. = Not Detected (below MDL)
3. MDL = Method Detection Limit

2. Council Europe Resolution AP (2004) 5 on Silicones Used for Food Contact Applications

Overall migration

With reference to Resolution AP (2004) 5, analysis by method EN 1186-3: 2022.

Parameter	Test Condition	Result (mg/dm^2) (1)			Limit (mg/dm^2)
		1st	2nd	3rd	
Overall migration	10%(v/v) Ethanol, 70℃, 2 h	<3	<3	<3	10
	3%(w/v) Acetic acid, 70℃, 2 h	<3	<3	<3	10
	95%(v/v) Ethanol, 60℃, 2 h	3.7	3.5	<3	10
	Iso-octane, 40℃, 0.5 h	3.9	3.4	<3	10

Parameter	Test Condition	Result (mg/dm^2) (2)			Limit (mg/dm^2)
		1st	2nd	3rd	
Overall migration	10%(v/v) Ethanol, 100℃, 4 h	<3	<3	<3	10
	3%(w/v) Acetic acid, 100℃, 4 h	<3	<3	<3	10
	95%(v/v) Ethanol, 60℃, 6 h	7.8	7.1	5.6	10
	Iso-octane, 60℃, 4 h	41.7	17.0	7.2	10

Remark:

1. mg/dm^2 = milligram per square decimeter
2. Compliance with the overall migration limit shall be verified on the basis of the level of the overall migration found in the third test.

Annex

	
	BLANK

[Δ] The reference model information is provided by the client and claimed that the identical materials and/or construction as the tested samples are used. The samples displayed here are not tested samples and are for reference only DEKRA Testing and Certification (Shanghai) Ltd., Guangzhou branch takes no liability for information validation.

---End of Report---