Test Report

Report No.: CTT2506010094EN

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Sample Received Date: Jun. 03, 2025
Testing Period: Jun. 03, 2025 - Jun. 07, 2025
Report Date: Jun. 07, 2025

The following merchandise was (were) submitted and identified on behalf of the applicant as:

Sample Name:
R08190.02
R08190.04
R08191.02
R08193.02
R08194.02
R08194.06
R08195.02
R08195.06
R08248.02
R08445.01
R08445.02
R08445.06
R08445.42

Test Result(s): Please refer to next page(s).
Test Requested and Conclusion(s): Please refer to next page(s).

Signed for and on Behalf of CTT:

Emy Huang
Technical Manager

Verification Report

Test Requested and Conclusion(s):

No.	Standard and Requirement	Conclusion(s)
1	Council of Europe Resolution ResAP(2004)5 on silicones used for food contact applications. - Overall Migration	PASS
2	Regulation (EC) No 1935/2004 & (EU) No 10/2011 and its amendments on plastic materials and articles intended to come into contact with food - Overall Migration - Specific migration of primary aromatic amines - Migration of Heavy metal	PASS
3	Council of Europe Resolution CM/Res(2020)9 and EDQM Technical Guide on metals and alloys used in food contact materials - Specific Release of 24 Metals	PASS
4	Regulation (EU) 2024/3190 on the use of bisphenol A (BPA) and other bisphenols and bisphenol derivatives with harmonised classification for specific hazardous properties in certain materials and articles intended to come into contact with food - Bisphenol A (BPA)	PASS

Test Result(s):

Overall Migration - Council of Europe Resolution ResAP(2004)5 on silicones used for food contact applications.

Method: EN 1186-1:2002&EN 1186-3:2022

Material No.	Test Condition	Test Item	LOQ (mg/dm^2)	Limit (mg/dm^2)	Result (mg/dm^2)	Conclusion
2	10% Ethanol(v/v) ,100℃ ,1h	Overall Migration	3.0	10	N.D.	PASS
2	3% Acetic acid(w/v) ,100℃ ,1h	Overall Migration	3.0	10	N.D.	PASS

NOTE:

1. mg/dm^2=milligram per square decimeter.
2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).
3. S/V=8 (dm^2/L), S=surface area, V= volume.

Test Result(s):

Overall Migration - Regulation (EC) No 1935/2004 & (EU) No 10/2011 and its amendments on plastic materials and articles intended to come into contact with food

Method: EN 1186-1:2002&EN 1186-3:2022

Material No.	Test Condition	Test Item	LOQ (mg/dm^2)	Limit (mg/dm^2)	Result (mg/dm^2)	Conclusion
1	10% Ethanol(v/v) , 100℃ ,1h	Overall Migration (1st)	3.0	--	N.D.	PASS
		Overall Migration (2nd)	3.0	--	N.D.	
		Overall Migration (3rd)	3.0	10	N.D.	
1	3% Acetic acid(w/v) , 100℃ ,1h	Overall Migration (1st)	3.0	--	N.D.	PASS
		Overall Migration (2nd)	3.0	--	N.D.	
		Overall Migration (3rd)	3.0	10	N.D.	

NOTE:

1. mg/dm^2= milligram per square decimeter.
2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).
3. S/V=10 (dm^2/L), S=surface area, V= volume.
4. The material or article is intended to come into repeated contact with foods, the migration test(s) shall be carried out three times.The results of subsequent migrations must not exceed the previous ones and the determination of compliance is based on the third migration result.
5. "--" = Not Applicable.

Test Result(s):

Specific migration of primary aromatic amines - Regulation (EC) No 1935/2004 & (EU) No 10/2011 and its amendments on plastic materials and articles intended to come into contact with food

Method: EN 13130-1:2004

No.	Substances Name	CAS No.	Limit (mg/kg)	Results (mg/kg)		
				1		
				1st	2nd	3rd
1	biphenyl-4-ylamine/ 4-aminodiphenyl/ xenylamine	92-67-1	0.002	<0.002	<0.002	<0.002
2	benzidine	92-87-5	0.002	<0.002	<0.002	<0.002
3	4-chloro-o-toluidine	95-69-2	0.002	<0.002	<0.002	<0.002
4	2-naphthylamine	91-59-8	0.002	<0.002	<0.002	<0.002
5	o-aminoazotoluene/ 4-o-tolylazo-o-toluidine/ 4-amino-2', 3-dimethylazobenzene	97-56-3	0.002	<0.002	<0.002	<0.002
6	2-amino-4-nitrotoluene/ 5-nitro-o-toluidine	99-55-8	0.002	<0.002	<0.002	<0.002
7	4-chloroaniline	106-47-8	0.002	<0.002	<0.002	<0.002
8	4-methoxy-m-phenylenediamine	615-05-4	0.002	<0.002	<0.002	<0.002
9	4,4'-methylenedianiline/4,4'-diaminodiphenylmethane	101-77-9	0.002	<0.002	<0.002	<0.002
10	3,3'-dichlorobenzidine/ 3,3'-dichlorobiphenyl-4,4'-ylenediamine	91-94-1	0.002	<0.002	<0.002	<0.002
11	3,3'-dimethoxybenzidine/ o-dianisidine	119-90-4	0.002	<0.002	<0.002	<0.002
12	3,3'-dimethylbenzidine/ 4,4'-bi-o-toluidine	119-93-7	0.002	<0.002	<0.002	<0.002
13	4,4'-methylenedi-o-toluidine	838-88-0	0.002	<0.002	<0.002	<0.002
14	6-methoxy-m-toluidine/ p-cresidine	120-71-8	0.002	<0.002	<0.002	<0.002

15	4,4'-methylene-bis-(2-chloroaniline)/ 2,2'-dichloro-4,4'-methylene-dianiline	101-14-4	0.002	<0.002	<0.002	< 0.002
16	4,4'-oxydianiline	101-80-4	0.002	<0.002	<0.002	< 0.002
17	4,4'-thiodianiline	139-65-1	0.002	<0.002	<0.002	< 0.002
18	o-toluidine/ 2-aminotoluene	95-53-4	0.002	<0.002	<0.002	< 0.002
19	4-methyl-m-phenylenediamine/ 2,4-toluylendiamine	95-80-7	0.002	<0.002	<0.002	< 0.002
20	2,4,5-trimethylaniline	137-17-7	0.002	<0.002	<0.002	< 0.002
21	o-anisidine / 2-methoxyaniline	90-04-0	0.002	<0.002	<0.002	< 0.002
22	4-aminoazobenzene	60-09-3	0.002	<0.002	<0.002	< 0.002
23	m-Phenylenediamine	108-45-2	0.002	<0.002	<0.002	< 0.002
24	Aniline	62-53-3	0.01	<0.01	<0.01	< 0.01
25	2,4-Dimethylaniline/2,4-xylidine	95-68-1				
26	2,6-Dimethylaniline/2,6-xylidine	87-62-7				
27	p-Phenylenediamine/ 1,4-phenylenediamine	106-50-3				
28	2,6-Toluenediamine	823-40-5				
29	1,5-Diaminenaphthalane	2243-62-1				
Conclusion				PASS		

NOTE:

1. mg/kg = milligram per kilogram (ppm).
2. Test Condition: 3% Acetic acid(w/v) ,70℃ ,2h.
3. S/V=6(dm²/L), S=surface area, V= volume.
4. The material or article is intended to come into repeated contact with foods, the migration test(s) shall be carried out three times.The results of subsequent migrations must not exceed the previous ones and the determination of compliance is based on the third migration result.

Test Result(s):

Migration of Heavy metal - Regulation (EC) No 1935/2004 & (EU) No 10/2011 and its amendments on plastic materials and articles intended to come into contact with food

Method: EN 13130-1:2004

No.	Elements	Limit (mg/kg)	Results (mg/kg)		
			1		
			1st	2nd	3rd
1	Barium (Ba)	1	<0.1	<0.1	<0.1
2	Cobalt (Co)	0.05	<0.05	<0.05	<0.05
3	Copper (Cu)	5	<0.5	<0.5	<0.5
4	Iron (Fe)	48	<1	<1	<1
5	Lithium (Li)	0.6	<0.1	<0.1	<0.1
6	Manganese (Mn)	0.6	<0.05	<0.05	<0.05
7	Zinc (Zn)	5	<1	<1	<1
8	Aluminium (Al)	1	<0.1	<0.1	<0.1
9	Nickel (Ni)	0.02	<0.01	<0.01	<0.01
10	Lead (Pb)	0.01	<0.01	<0.01	<0.01
11	Cadmium (Cd)	0.002	<0.002	<0.002	<0.002
12	Arsenic (As)	0.01	<0.01	<0.01	<0.01
13	Mercury (Hg)	0.01	<0.01	<0.01	<0.01
14	Chromium (Cr)	0.01	<0.01	<0.01	<0.01
15	Antimony (Sb)	0.04	<0.02	<0.02	<0.02

16	Europium (Eu)	0.05	<0.01	<0.01	< 0.01
17	Gadolinium (Gd)	0.05	<0.01	<0.01	< 0.01
18	Lanthanum (La)	0.05	<0.01	<0.01	< 0.01
19	Terbium (Tb)	0.05	<0.01	<0.01	< 0.01
Sum (Eu+Gd+La+Tb)		0.05	<0.01	<0.01	< 0.01
Conclusion			PASS		

NOTE:
1. mg/kg = milligram per kilogram (ppm).
2. Test Condition: 3% Acetic acid(w/v) ,70℃ ,2h.
3. S/V=6 (dm^2/L), S=surface area, V= volume.
4. The material or article is intended to come into repeated contact with foods, the migration test(s) shall be carried out three times.The results of subsequent migrations must not exceed the previous ones and the determination of compliance is based on the third migration result.

Test Result(s):

Specific Release of 24 Metals - Council of Europe Resolution CM/Res(2020)9 and EDQM Technical Guide on metals and alloys used in food contact materials

Method: Resolution CM/Res(2020)9 and EDQM[n]

Material No.	Test Condition	Test Item	LOQ (mg/kg)	Limit (mg/kg)	Result (mg/kg)	Conclusion
4	Artificial tap water, 100℃ ,1h	Aluminum (1st+2nd)	5	35	N.D.	PASS
		Aluminum (3rd)	1	5	N.D.	
		Antimony (1st+2nd)	0.05	0.28	N.D.	
		Antimony (3rd)	0.01	0.04	N.D.	
		Arsenic (1st+2nd)	0.002	0.014	N.D.	
		Arsenic (3rd)	0.0004	0.002	N.D.	
		Barium (1st+2nd)	1	8.4	N.D.	
		Barium (3rd)	0.2	1.2	N.D.	
		Beryllium (1st+2nd)	0.01	0.07	N.D.	
		Beryllium (3rd)	0.002	0.01	N.D.	
		Cadmium (1st+2nd)	0.005	0.035	N.D.	
		Cadmium (3rd)	0.001	0.005	N.D.	
		Chromium (1st+2nd)	1	7	N.D.	
		Chromium (3rd)	0.2	1	N.D.	

		Cobalt (1st+2nd)	0.02	0.14	N.D.	
		Cobalt (3rd)	0.004	0.02	N.D.	
		Copper (1st+2nd)	5	28	N.D.	
		Copper (3rd)	1	4	N.D.	
		Iron (1st+2nd)	10	280	N.D.	
		Iron (3rd)	5	40	N.D.	
		Lead (1st+2nd)	0.01	0.07	N.D.	
		Lead (3rd)	0.002	0.01	N.D.	
		Lithium (1st+2nd)	0.05	0.336	N.D.	
		Lithium (3rd)	0.01	0.048	N.D.	
		Manganese (1st+2nd)	0.5	3.85	N.D.	
		Manganese (3rd)	0.1	0.55	N.D.	
		Mercury (1st+2nd)	0.002	0.021	N.D.	
		Mercury (3rd)	0.0006	0.003	N.D.	
		Molybdenum (1st+2nd)	0.1	0.84	N.D.	
		Molybdenum (3rd)	0.02	0.12	N.D.	
		Nickel (1st+2nd)	0.2	0.98	N.D.	
		Nickel (3rd)	0.03	0.14	N.D.	
		Silver (3rd)	0.01	0.08	N.D.	
		Silver(1st+2nd)	0.1	0.56	N.D.	
		Thallium (1st+2nd)	0.001	0.007	N.D.	
		Thallium (3rd)	0.0002	0.001	N.D.	
		Tin (1st+2nd)	10	700	N.D.	
		Tin (3rd)	10	100	N.D.	
		Vanadium (1st+2nd)	0.01	0.07	N.D.	
		Vanadium (3rd)	0.002	0.01	N.D.	
		Zinc (1st+2nd)	5	35	N.D.	
		Zinc (3rd)	1	5	N.D.	
		Zirconium(1st+2nd)	2	14	N.D.	
		Zirconium(3rd)	0.2	2	N.D.	
		Titanium (1st+2nd)	2	--	N.D.	
		Titanium (3rd)	1	--	N.D.	
		Magnesium (1st+2nd)	2	--	N.D.	
		Magnesium (3rd)	1	--	N.D.	

NOTE:

1. mg/kg = milligram per kilogram (ppm).
2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).
3. S/V=8 (dm^2/L), S=surface area, V= volume.
4. "--" = Not Applicable.

Test Result(s):

Bisphenol A (BPA) - Regulation (EU) 2024/3190 on the use of bisphenol A (BPA) and other bisphenols and bisphenol derivatives with harmonised classification for specific hazardous properties in certain materials and articles intended to come into contact with food

Method: In house Method[n]

Substances	Bisphenol A (BPA)	**Conclusion**
CAS No.	80-05-7	
LOQ (mg/kg)	0.001	
Limit (mg/kg)	0.001	
Material No.	**Result (mg/kg)**	
1	N.D.	PASS
3	N.D.	PASS

NOTE: 1. mg/kg = milligram per kilogram (ppm).
2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).

Test Material List

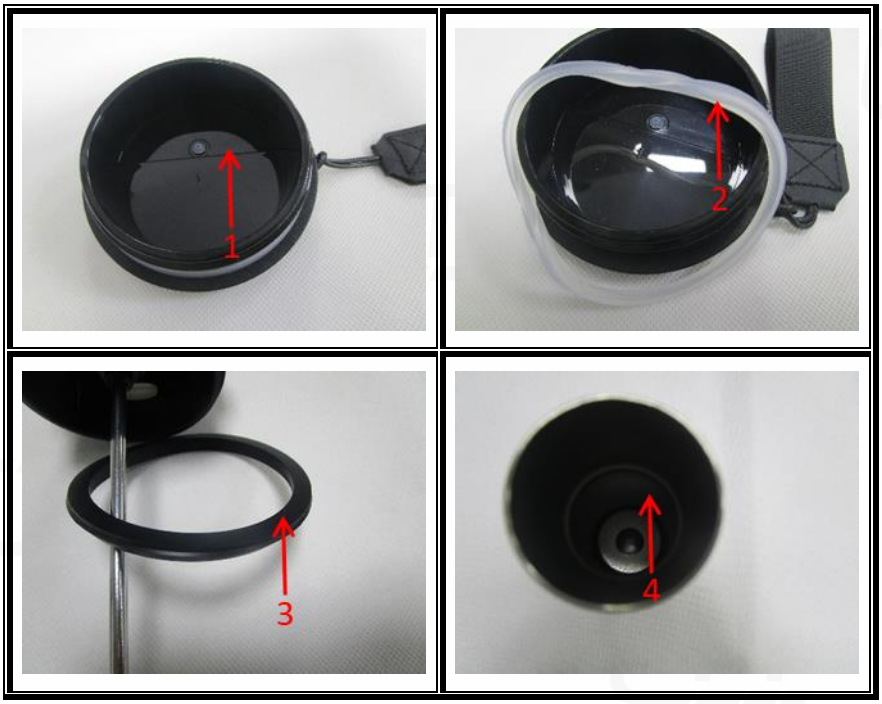
Material No.	Sample Description	Location
1	Black plastic	Cup lid(A/B)
2	Translucence silicone	Sealing ring(A)
3	Black silicone	Cup lid sealing ring(C)
4	Silvery metal	Cup body lining(J/K/L/M)

Photo of Sample:


A
B
C


D
E
F

Location indication:



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