

Test Report

Report No.: CTT2505011120EN

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Applicant: PAR BAKULA SP. J.

Address: UL. BYSEWSKA 30, 80-298 GDANSK, POLAND

Sample Received Date: May 09, 2025

Testing Period: May 09, 2025 - May 21, 2025

Report Date: May 21, 2025

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

Sample Name: R08176.04, R08176.05, R08176.08, R08178.00, R08189.00, R08232.00,
R08169.79, R08475.02

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:



Tony Ye
Technical Manager



Verification Report



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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	German food, Articles of Daily Use and Feed Code (LFGB), section 30&31, and DIN 51032-2017: Ceramic, glass, glass ceramics, vitreous enamels Permissible limits for the release of lead and cadmium from articles intended for use in contact with foodstuffs - Lip&Rim test - Migration of Lead & Cadmium	PASS
3	Client's requirements - Release of Cobalt	PASS
4	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 - Migration of Heavy metal - Specific migration of primary aromatic amines	PASS
5	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) and other bisphenols and bisphenol derivatives	PASS



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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
7	10% Ethanol(v/v), 70°C, 2h	Overall Migration	3.0	10	N.D.	PASS
7	3% Acetic acid(w/v), 70°C, 2h	Overall Migration	3.0	10	N.D.	PASS

NOTE:

1. mg/dm²=milligram per square decimeter.
2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).
3. S/V=8 (dm²/L), S=surface area, V= volume.

Test Result(s):

Lip&Rim test - German food, Articles of Daily Use and Feed Code (LFGB), section 30&31, and DIN 51032-2017: Ceramic, glass, glass ceramics, vitreous enamels Permissible limits for the release of lead and cadmium from articles intended for use in contact with foodstuffs

Method: DIN EN 1388-2:1995ⁿ

Material No.	Element	LOQ (mg/article)	Limit (mg/article)	Sample	Result (mg/article)	Conclusion
1	Cd	0.1	0.20	1	N.D.	PASS
		0.1	0.20	2	N.D.	
		0.1	0.20	3	N.D.	
		0.1	0.20	4	N.D.	
	Pb	1.0	2.0	1	N.D.	
		1.0	2.0	2	N.D.	
		1.0	2.0	3	N.D.	
		1.0	2.0	4	N.D.	
2	Cd	0.1	0.20	1	N.D.	PASS
		0.1	0.20	2	N.D.	
		0.1	0.20	3	N.D.	
		0.1	0.20	4	N.D.	
	Pb	1.0	2.0	1	N.D.	
		1.0	2.0	2	N.D.	
		1.0	2.0	3	N.D.	
		1.0	2.0	4	N.D.	



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Material No.	Element	LOQ (mg/article)	Limit (mg/article)	Sample	Result (mg/article)	Conclusion
3	Cd	0.1	0.20	1	N.D.	PASS
		0.1	0.20	2	N.D.	
		0.1	0.20	3	N.D.	
		0.1	0.20	4	N.D.	
	Pb	1.0	2.0	1	N.D.	
		1.0	2.0	2	N.D.	
		1.0	2.0	3	N.D.	
		1.0	2.0	4	N.D.	
4	Cd	0.1	0.20	1	N.D.	PASS
		0.1	0.20	2	N.D.	
		0.1	0.20	3	N.D.	
		0.1	0.20	4	N.D.	
	Pb	1.0	2.0	1	N.D.	
		1.0	2.0	2	N.D.	
		1.0	2.0	3	N.D.	
		1.0	2.0	4	N.D.	

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



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Test Result(s):

Migration of Lead & Cadmium - German food, Articles of Daily Use and Feed Code (LFGB), section 30&31, and DIN 51032-2017: Ceramic, glass, glass ceramics, vitreous enamels Permissible limits for the release of lead and cadmium from articles intended for use in contact with foodstuffs

Method: DIN EN 1388-1:1995ⁿ

Material No.	Element	LOQ (mg/L)	Limit (mg/L)	Sample	Result (mg/L)	Conclusion
5	Lead (Pb)	0.1	1.5	1	N.D.	PASS
		0.1	1.5	2	N.D.	
		0.1	1.5	3	N.D.	
		0.1	1.5	4	N.D.	
	Cadmium (Cd)	0.01	0.10	1	N.D.	
		0.01	0.10	2	N.D.	
		0.01	0.10	3	N.D.	
		0.01	0.10	4	N.D.	

- NOTE:**
1. mg/L = milligram per liter.
 2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).

Test Result(s):

Release of Cobalt - Client's requirements

Method: DIN EN 1388-1:1995ⁿ

Material No.	Element	LOQ (mg/L)	Limit (mg/L)	Result (mg/L)	Conclusion
5	Cobalt (Co)	0.05	0.05	N.D.	PASS

- NOTE:**
1. mg/L = milligram per liter.
 2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).



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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
6	10% Ethanol(v/v), 70°C ,2h	Overall Migration (1st)	3.0	--	N.D.	PASS
		Overall Migration (2nd)	3.0	--	N.D.	
		Overall Migration (3rd)	3.0	10	N.D.	
6	3% Acetic acid(w/v), 70°C ,2h	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/dm²= milligram per square decimeter.
2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).
3. $S/V=10$ (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.
5. "--" = Not Applicable.



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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)		
			6		
			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. Test Condition: 3% Acetic acid(w/v), 70°C, 2h.
 2. $S/V=6$ (dm²/L), S=surface area, V= volume.
 3. mg/kg = milligram per kilogram (ppm).
 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.



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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)		
				6		
				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



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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. Test Condition: 3% Acetic acid(w/v) ,70°C ,2h.
 2. $S/V=6(\text{dm}^2/\text{L})$, S=surface area, V= volume.
 3. mg/kg = milligram per kilogram (ppm).
 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.



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Test Result(s):

Bisphenol A (BPA) and other bisphenols and bisphenol derivatives - 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 Methodⁿ

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)	
7	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	Transparent glass with red coating	Red cup lip(A)
2	Transparent glass with green coating	Green cup lip(B)
3	Transparent glass with blue coating	Blue cup lip(C)
4	Transparent glass with navy blue coating	Navy blue cup lip(D/H)
5	Transparent glass	Transparent cup lining(A/B/C/D/E/F/G)
6	Gray plastic	Cup lid(A/B/C/D/E/F/G)
7	Translucence silicone	Sealing ring(A/B/C/D/E/F)

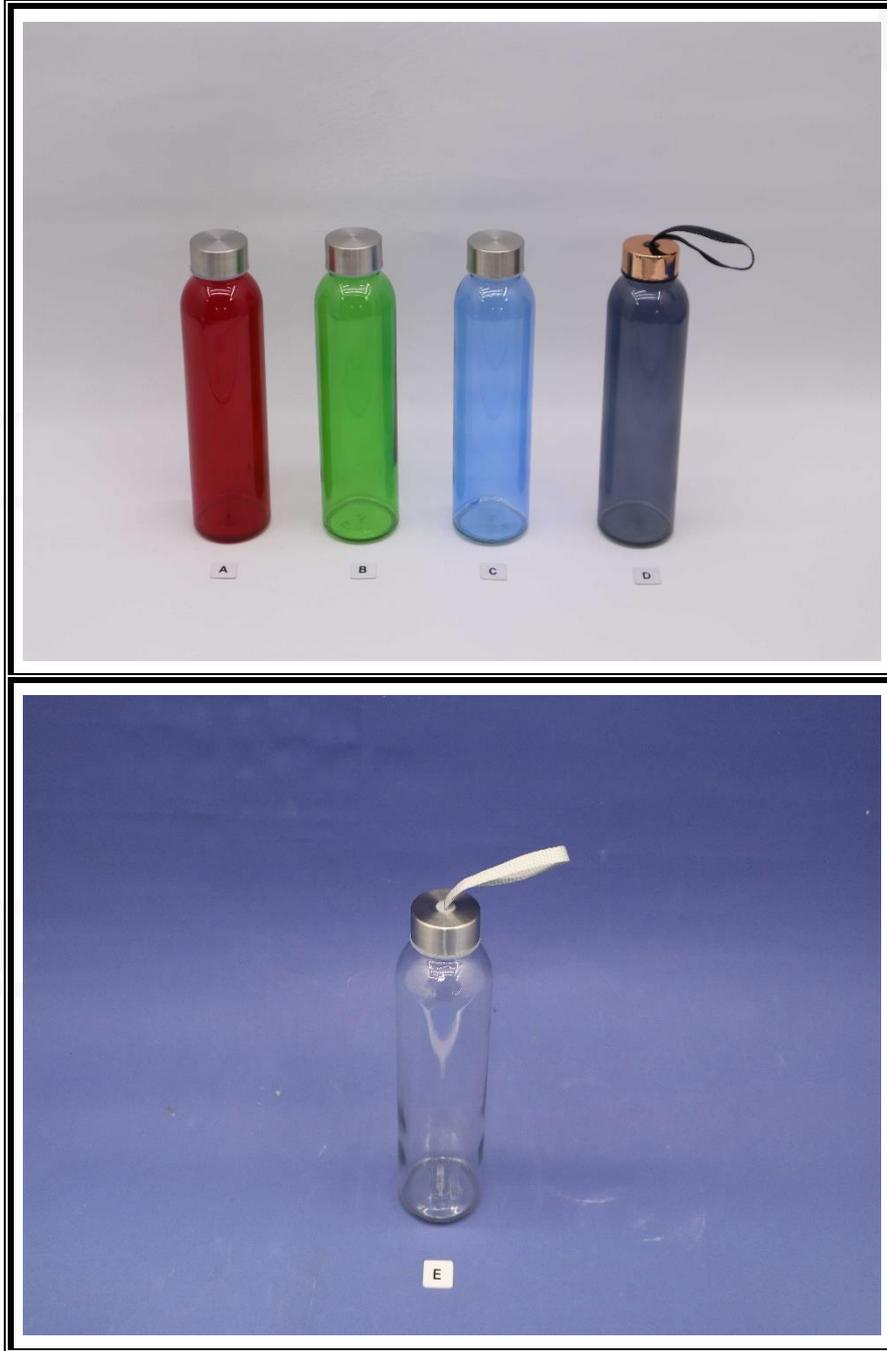


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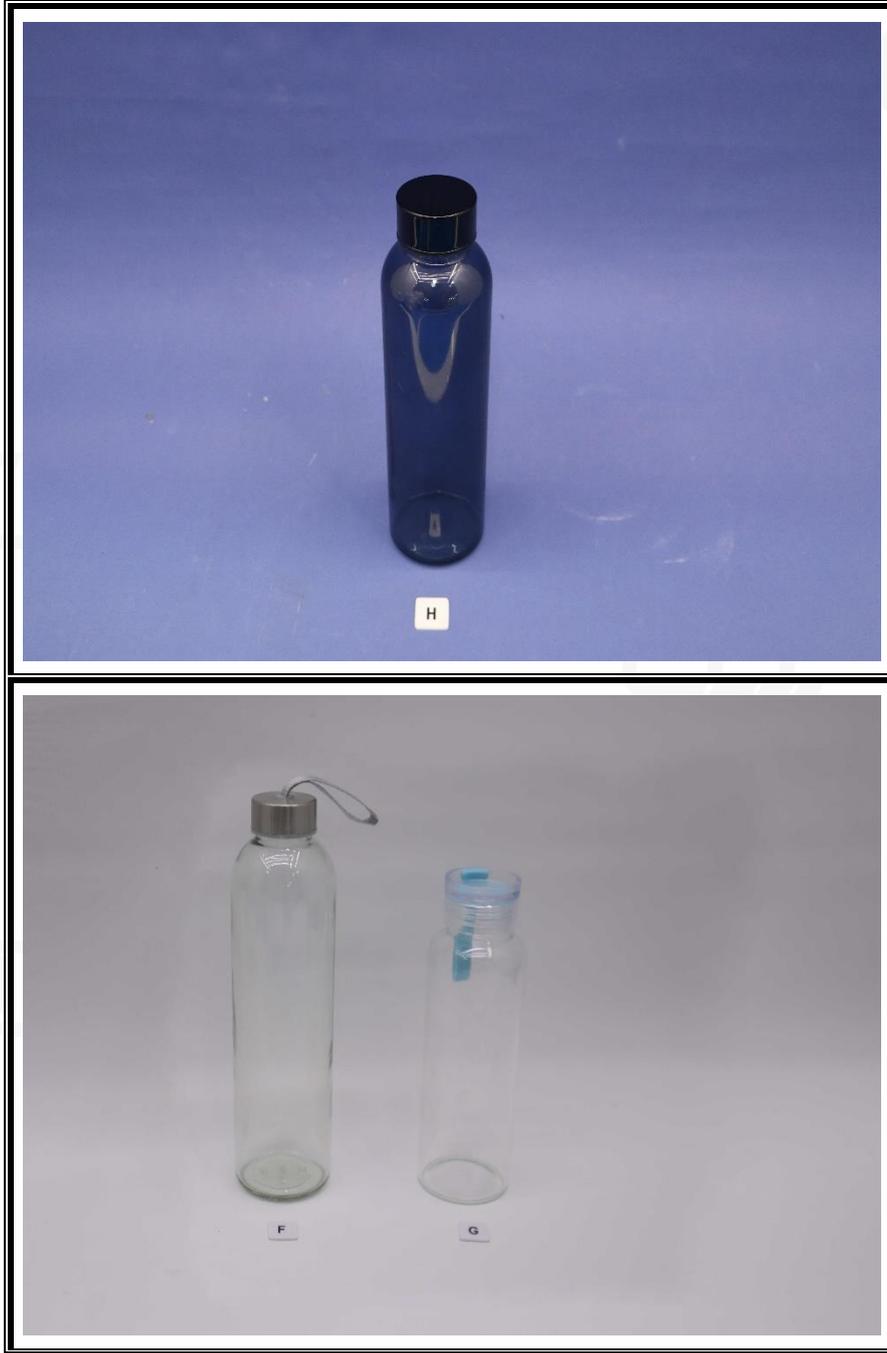
Photo of Sample:



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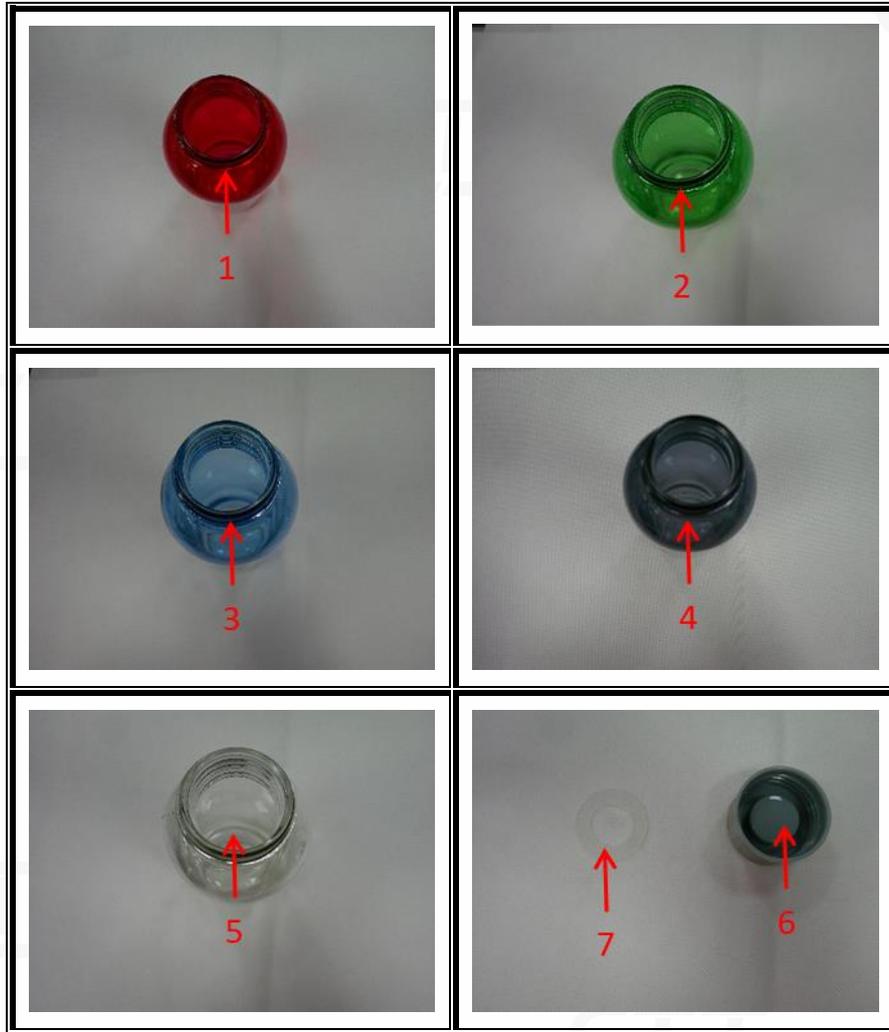


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Location indication:



*** End of Report ***

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