

TEST REPORT

Applicant: Mid Ocean Brands B.V.

Address: 7/F., Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong

The following sample(s) and sample information was/were submitted and identified by client as:

Sample Name: Glass bottle in pouch

Model: MO6168

Vendor Code: 107978

Receiving Date: Jan 9,2025

Test Period: From Jan 9,2025 to Jan 15,2025

Add Information: -

Authorized Signatory



Tim Qi
(Technical manager)



TEST REPORT

Report No.: DPHTL2501093039E

Date: Jan 21,2025

Page 2 of 16

Test Summary:

#	Test Item(s)	Conclusion
1	Polycyclic-aromatic hydrocarbons (PAHs) content--Item 50 of Annex XVII of REACH Regulation (EC) 1907/2006 & amendment (EU) No 1272/2013	PASS
2	Phthalate content (DIBP、DEHP、DBP、BBP、DINP、DIDP、DNOP) -Item 51&52 of Annex XVII of REACH Regulation (EC) 1907/2006.	PASS
3	Total Lead content -Item 63 of Annex XVII of REACH Regulation (EC) 1907/2006	PASS
4	Cadmium content -Item 23 of Annex XVII of REACH Regulation (EC) 1907/2006	PASS
5	Azo colorants content - Item 43 of Annex XVII of the REACH Regulation (EC) No 1907/2006 & amendment (EC) No 552/2009 and (EU) No 126/2013	PASS
6	Colour Fastness to Rubbing-Client's requirement	PASS
7	Dishwasher safe test (complied with the specification of dishwasher safe test according to PAS 54:2003)-BS EN 12875-1:2005	PASS
Regulation (EC) No 1935/2004 and Council of Europe Resolution AP (2004) 5- For Silicone Material		
8	Overall migration	PASS
9	Bisphenol A Content	PASS
10	Specific migration of Bisphenol A (BPA)	PASS
French Arrêté du 25 Novembre 1992 and French Décret 2007-766 with amendments - For Silicone Material		
11	Overall migration	PASS
12	Bisphenol A Content	PASS
13	Specific migration of Bisphenol A (BPA)	PASS
14	Specific migration of Organotin (as Tin)	PASS
15	Peroxide Value	PASS
16	Volatile organic matter	PASS
Regulation (EC) No 1935/2004, the Commission Regulation (EU) No 10/2011 and its amendment (EU)2023/1442 and (EU) 2018/213 - For Plastic Material		
17	Overall migration	PASS
18	Specific migration of Heavy Metal	PASS
19	Specific migration of Primary Aromatic Amine	PASS
20	Bisphenol A (BPA) content	PASS
Regulation (EC) No 1935/2004, the Council of Europe Directive 84/500/EEC and its amendment 2005/31/EC - For Ceramic Material		
21	Extractable Lead, Cadmium	PASS

TEST REPORT

Report No.: DPHTL2501093039E

Date: Jan 21,2025

Page 3 of 16

Result:

1. Polycyclic-aromatic hydrocarbons (PAHs) content - Item 50 of Annex XVII of REACH Regulation (EC) 1907/2006 & amendment (EU) No 1272/2013
AfPS-GS-2019-01:PAK, determined by GC-MS

Test Item(s)	Results			Limit (mg/kg)	MDL (mg/kg)
	category I ^{*1}				
	2	3	7		
1 Benz[a]anthracene(BaA) CAS#56-55-3	N.D.	N.D.	N.D.	1	0.2
2 Chrysene(CHR) CAS#218-01-9	N.D.	N.D.	N.D.	1	0.2
3 Benz[b]fluoranthene(BbFA) CAS#205-99-2	N.D.	N.D.	N.D.	1	0.2
4 Benz[k]fluoranthene(BkFA) CAS#207-08-9	N.D.	N.D.	N.D.	1	0.2
5 Benz[j]fluoranthene(BjFA) CAS#205-82-3	N.D.	N.D.	N.D.	1	0.2
6 Benzo[a]pyrene(BaP) CAS#50-32-8	N.D.	N.D.	N.D.	1	0.2
7 Benzo[e]pyrene(BeP) CAS#192-97-2	N.D.	N.D.	N.D.	1	0.2
8 Dibenz [a,h]anthracene (DBahA) CAS#53-70-3	N.D.	N.D.	N.D.	1	0.2
- Conclusion	PASS	PASS	PASS	-	-

Remark: (a) MDL: Method detected limit
(b) N.D.: Not detected (result is less than MDL)
(c) mg/kg: milligram per kilogram
*1: Material category

Category I: Articles come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use.

Category II: Toys, including activity toys, and childcare articles, that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use.

2. Phthalate content (DIBP、DEHP、DBP、BBP、DINP、DIDP、DNOP) - Item 51& 52 of Annex XVII of REACH Regulation (EC) 1907/2006
EN 14372:2004 & IEC 62321-8:2017, determined by GC-MS

Test Item(s)	Results					Limit (%)	MDL (%)
	2	3	4	7	12		
1 DBP Dibutyl Phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2 BBP Benzylbutyl Phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005

TEST REPORT

Report No.: DPHTL2501093039E

Date: Jan 21,2025

Page 4 of 16

3	DEHP	Bis-(2-ethylhexyl)Phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	N.D.	-	0.005
6	DINP	Di-iso-nonyl phthalate CAS# 28553-12-0	N.D.	N.D.	N.D.	N.D.	N.D.	-	0.005
7	DIDP	Diisodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	N.D.	-	0.005
-	Sum of 1, 2, 3 & 4		N.D.	N.D.	N.D.	N.D.	N.D.	0.1	-
-	Sum of 5, 6 & 7		N.D.	N.D.	N.D.	N.D.	N.D.	0.1	-
-	Conclusion		PASS	PASS	PASS	PASS	PASS	-	-

Remark(s): (a) MDL: Method detected limit
(b) N.D.: Not detected (result is less than MDL)
(c) mg/kg: milligram per kilogram

3. Total Lead content -Item 63 of Annex XVII of REACH Regulation (EC) 1907/2006 IEC 62321-5:2013, determined by AAS

Test Item(s)		Results					Limit (mg/kg)	MDL (mg/kg)
		1	2	3	5	6		
1	Lead(Pb) CAS#7439-92-1	N.D.	N.D.	N.D.	N.D.	N.D.	500	10
-	Conclusion	PASS	PASS	PASS	PASS	PASS	-	-

Test Item(s)		Results					Limit (mg/kg)	MDL (mg/kg)
		7	8	9	10	11		
1	Lead(Pb) CAS#7439-92-1	N.D.	N.D.	N.D.	N.D.	N.D.	500	10
-	Conclusion	PASS	PASS	PASS	PASS	PASS	-	-

Remark(s): (a) MDL: Method detected limit
(b) N.D.: Not detected (result is less than MDL)
(c) mg/kg: milligram per kilogram

TEST REPORT

Report No.: DPHTL2501093039E

Date: Jan 21,2025

Page 5 of 16

**4. Cadmium content -Item 23 of Annex XVII of REACH Regulation (EC) 1907/2006
IEC 62321-5:2013, determined by AAS**

Test Item(s)	Results					Limit (mg/kg)	MDL (mg/kg)
	2	3	4	7	12		
1 Cadmium (Cd) CAS#7440-43-9	N.D.	N.D.	N.D.	N.D.	N.D.	100	10
- Conclusion	PASS	PASS	PASS	PASS	PASS	-	-

Remark(s): (a) MDL: Method detected limit
(b) N.D.: Not detected (result is less than MDL)
(c) mg/kg: milligram per kilogram

**5. Azo colourants content - Item 43 of Annex XVII of REACH Regulation (EC) No 1907/2006 & amendment
EC No 552/2009 and (EU) No 126/2013
ISO 14362-1:2017& ISO 14362-3:2017, determined by GC-MS and HPLC**

Test Item(s)	Results					Limit (mg/kg)	MDL (mg/kg)
	5	6	9	10	11		
1 Biphenyl-4-ylamine/4-aminobiphenyl/ Xenylamine CAS#92-67-1	N.D.	N.D.	N.D.	N.D.	N.D.	30	5
2 Benzidine CAS#92-87-5	N.D.	N.D.	N.D.	N.D.	N.D.	30	5
3 4-chloro-o-toluidine CAS#95-69-2	N.D.	N.D.	N.D.	N.D.	N.D.	30	5
4 2-Naphthylamine CAS#91-59-8	N.D.	N.D.	N.D.	N.D.	N.D.	30	5
5 o-aminoazotoluene/4-o-tolyazao-o- toluidine /4-amino-2',3- dimethylazobenzene* CAS#97-56-3	N.D.	N.D.	N.D.	N.D.	N.D.	30	5
6 5-nitro-o-toluidine/2-amino-4- nitrotoluol* CAS#99-55-8	N.D.	N.D.	N.D.	N.D.	N.D.	30	5
7 4-chloroaniline CAS#106-47-8	N.D.	N.D.	N.D.	N.D.	N.D.	30	5
8 4-methoxy-m-phenylenediamine/ 2,4-diaminoanisole CAS#615-05-4	N.D.	N.D.	N.D.	N.D.	N.D.	30	5
9 4,4'-methylenedianiline/ 4,4'-diaminodiphenylmethane CAS#101-77-9	N.D.	N.D.	N.D.	N.D.	N.D.	30	5
10 3,3'-dichlorobenzidine/ 3,3'-dichlorobiphenyl-4,4'- ylenediamine CAS#91-94-1	N.D.	N.D.	N.D.	N.D.	N.D.	30	5
11 3,3'-dimethoxybenzidine/o-dianisidine CAS#119-90-4	N.D.	N.D.	N.D.	N.D.	N.D.	30	5
12 3,3'-dimethylbenzidine/4,4'-bi-o- toluidine CAS#119-93-7	N.D.	N.D.	N.D.	N.D.	N.D.	30	5

TEST REPORT

Report No.: DPHTL2501093039E

Date: Jan 21,2025

Page 6 of 16

13	4,4'-methylenedi-o-toluidine CAS#838-88-0	N.D.	N.D.	N.D.	N.D.	N.D.	30	5
14	6-methoxy-m-toluidine/p-cresidine CAS#120-71-8	N.D.	N.D.	N.D.	N.D.	N.D.	30	5
15	4,4'-methylene-bis-(2-chloro-aniline)/ 2,2'-dichloro-4,4'-methylene-dianiline CAS#101-14-4	N.D.	N.D.	N.D.	N.D.	N.D.	30	5
16	4,4'-oxydianiline CAS#101-80-4	N.D.	N.D.	N.D.	N.D.	N.D.	30	5
17	4,4'-thiodianiline CAS#139-65-1	N.D.	N.D.	N.D.	N.D.	N.D.	30	5
18	o-toluidine/2-aminotoluen CAS#95-53-4	N.D.	N.D.	N.D.	N.D.	N.D.	30	5
19	2,4-diaminotoluene/2,4- toluylendiamine/ methyl-m-phenylenediamine CAS#95-80-7	N.D.	N.D.	N.D.	N.D.	N.D.	30	5
20	2,4,5-trimethylaniline CAS#137-17-7	N.D.	N.D.	N.D.	N.D.	N.D.	30	5
21	o-anisidine/2-methoxyaniline CAS#90-04-0	N.D.	N.D.	N.D.	N.D.	N.D.	30	5
22	4-aminoazobenzene** CAS#60-09-3	N.D.	N.D.	N.D.	N.D.	N.D.	30	5
-	Conclusion	PASS	PASS	PASS	PASS	PASS	-	-

Remark(s): (a) MDL: Method detected limit

(b) N.D.: Not detected (result is less than MDL)

(c) mg/kg: milligram per kilogram

∴ The amines o-aminoazotoluene (No 5, CAS No.97-56-3) and 2-amino-4-nitrotoluene (No 6, CAS No.99-55-8) are further reduced to o-toluidine (No 18, CAS No. 95-53-4) and 2, 4-diaminotoluene (No 19, CAS No. 95-80-7).

**∴ Azo colorants that are able to form 4-aminoazobenzene (No 22, CAS No. 60-09-3) generate, under the condition of this method, aniline (CAS No. 62-53-3) and 1, 4-phenylenediamine (CAS No. 106-50-3).Due to detection limits, only aniline may be detected. If aniline is detected above 5mg/kg, then the presence of these colorants should be tested by ISO 14362-3:2017.

6. Colour Fastness to Rubbing

PASS

ISO 105-X12:2016, (Minimum requirement(Grade): Dry \geq 2-3, Wet \geq 2-3)

Sample	Result (Grade)	
	Dry	Wet
9	4-5	4-5
11	4-5	4-5
10	4-5	4-5
6	4-5	4-5

Remark(s): Grey Scale Rating is based on the 5-step of 1 to 5, where 1 is bad and 5 is good.

TEST REPORT

7. Dishwasher safe test (complied with the specification of dishwasher safe test according to PAS 54:2003) BS EN 12875-1:2005

After 10 cycles	Sample	13A	13B	13C
	Color ¹⁾	0	0	0
	Gloss	0	0	0
	Clouding	0	0	0
	Resistant deposits and iridescent layers ²⁾	0	0	0
	Other aspects	0	0	0

Remark(s): 1).If several colours are present on one article to be inspected, the colour with the greatest change shall be chosen.
 2).For the elimination of easily removable deposits.
 3).See photo bar for test photos

Note: Pictures are for reference only. Actual colours of the pictures may vary due to lighting and output process. Evaluation of inspection criteria quoted from BS EN 12875-1:2005.

Classification	Rating
0	No visible change
1	First discernible change
2	Clearly visible change

Requirements quoted from Publicly Available Specification PAS 54: 2003
 Articles that are designated “dishwasher resistant”, “dishwasher proof”, “dishwasher safe” or any other similar description that suggests that the articles can be safely cleaned in a dishwasher shall, either show no visible change compared with untreated tableware (Classification 0) or show very slightly visible change(Classification 1) but shall not show clearly visible change (Classification 2)

Regulation (EC) No 1935/2004 and Council of Europe Resolution AP (2004) 5- For Silicone Material

8. Overall Migration
 EN 1186-1:2002 & EN 1186-3:2022

Test Item	Result		Limit (mg/dm ²)	MDL (mg/dm ²)
	3 ^{-3rd}			
1	3% Acetic acid, 70°C, 2h	N.D.	10	3
2	50% Ethanol,70°C, 2h	N.D.	10	3
-	Conclusion	PASS	-	-

Remark(s): (a) mg/dm²: milligram square decimetre
 (b) MDL: Method detected limit
 (c) N.D.: Not detected (result is less than MDL)

TEST REPORT

Report No.: DPHTL2501093039E

Date: Jan 21,2025

Page 8 of 16

9. Bisphenol A Content In-house Method, determined by LC-MS-MS

Test Item		Result	Client's Limit (mg/kg)	MDL (mg/kg)
		3		
1	Bisphenol A	N.D.	Not Detected	0.1
-	Conclusion	PASS	-	-

Remark(s): (a) mg/kg: milligram per kilogram
(b) MDL: Method detected limit
(c) N.D.: Not detected (result is less than MDL)

10. Specific migration of Bisphenol A DD CEN/TS 13130-13:2005, determined by LC-MS-MS

Test Condition: 3% Acetic acid, 70°C, 2h

Test Item		Result	Limit (mg/kg)	MDL (mg/kg)
		3-3rd		
1	Bisphenol A (BPA)	N.D.	0.05	0.01
-	Conclusion	PASS	-	-

Remark(s): (a) mg/kg: milligram per kilogram
(b) MDL: Method detected limit
(c) N.D.: Not detected (result is less than MDL)

French Arrêté du 25 Novembre 1992 and French Décret 2007-766 with amendments - For Silicone Material

11. Overall Migration for Silicone Materials in Contact with Foodstuffs EN 1186-1:2002 & EN 1186-3:2022

Test Item(s)		Result	Limit (mg/dm ²)	MDL (mg/dm ²)
		3-3rd		
1	3% Acetic acid, 70°C, 2h	N.D.	10	3
2	50% Ethanol, 70°C, 2h	N.D.	10	3
-	Conclusion	PASS	-	-

Remark(s): (a) mg/dm²: milligram square decimetre
(b) MDL: Method detected limit
(c) N.D.: Not detected (result is less than MDL)

TEST REPORT

Report No.: DPHTL2501093039E

Date: Jan 21,2025

Page 9 of 16

12. Bisphenol A (BPA) content
In-house Method,determined by LC-MS-MS

Test Item(s)		Result	Limit (mg/kg)	MDL (mg/kg)
		3		
1	Bisphenol A	N.D.	Prohibit	0.1
-	Conclusion	PASS	-	-

Remark(s): (a) mg/kg: milligram per kilogram
(b) MDL: Method detected limit
(c) N.D.: Not detected (result is less than MDL)

13. Specific migration of Bisphenol A
DD GEN/TS 13130-13:2005, determined by LC-MS-MS

Test Condition: 3%Acetic acid, 70°C, 2h

Test Item(s)		Result	Limit (mg/kg)	MDL (mg/kg)
		3-3rd		
1	Bisphenol A (BPA)	N.D.	Prohibit	0.01
-	Conclusion	PASS	-	-

Remark(s): (a) mg/kg: milligram per kilogram
(b) MDL: Method detected limit
(c) N.D.: Not detected (result is less than MDL)

14. Specific migration of Organotin(as Tin)
EN 13130-1:2004, determined by ICP-OES

Test condition: 3% Acetic acid, 70°C, 2h

Test Item(s)		Result	Limit (mg/kg)	MDL (mg/kg)
		3-3rd		
1	Organotin(as Sn)	N.D.	0.1	0.01
-	Conclusion	PASS	-	-

Remark(s): (a) mg/kg: milligram per kilogram
(b) MDL: Method detected limit
(c) N.D.: Not detected (result is less than MDL)

TEST REPORT

Report No.: DPHTL2501093039E

Date: Jan 21,2025

Page 10 of 16

15. Peroxide Value
Europe pharmacopoeia,9.0 chapter 2.5.5.

Test Item(s)		Result		Requirement
		3		
1	Peroxide Value	Negative		Negative
-	Conclusion	PASS		-

16. Volatile organic matter
French Arrêté du Novembre 1992 Annex III.

Test condition: 200°C, 4h

Test Item(s)		Result		Limit (%)	MDL (%)
		3			
1	Volatile Compounds	0.2		0.5	0.1
-	Conclusion	PASS		-	-

Remark(s): (a) MDL: Method detected limit

Regulation (EC) No 1935/2004, the Commission Regulation (EU) No 10/2011 and its amendment (EU)2023/1442 and (EU) 2018/213 - For Plastic Material

17. Overall migration
EN 1186-1:2002 & EN 1186-3:2022

Test Item(s)		Result			Limit (mg/dm ²)	MDL (mg/dm ²)
		2				
		1 st	2 nd	3 rd		
1	50%Ethanol,70°C , 2h	N.D.	N.D.	N.D.	10	3
2	3%acetic acid ,70°C , 2h	N.D.	N.D.	N.D.	10	3
-	Conclusion	-	-	PASS	-	-

Remark(s): (a) mg/dm²: milligram square decimetre
(b) MDL: Method detected limit
(c) N.D.: Not detected (result is less than MDL)

TEST REPORT

Report No.: DPHTL2501093039E

Date: Jan 21,2025

Page 11 of 16

18. Specific migration of Heavy Metal
EN 13130-1: 2004, determined by ICP-OES,ICP-MS,IC

Test condition: 3%Acetic acid, 70°C, 2h

Test Item(s)		Result(s)			Limit (mg/kg)	MDL (mg/kg)
		2				
		1 st	2 nd	3 rd		
1	Aluminum (Al)	N.D.	N.D.	N.D.	1	0.1
2	Ammonium	N.D.	N.D.	N.D.	-	0.1
3	Antimony (Sb)	N.D.	N.D.	N.D.	0.04	0.01
4	Arsenic (As)	N.D.	N.D.	N.D.	Not Detected	0.01
5	Barium (Ba)	N.D.	N.D.	N.D.	1	0.1
6	Cadmium(Cd)	N.D.	N.D.	N.D.	Not Detected	0.002
7	Calcium(Ca)	N.D.	N.D.	N.D.	-	0.1
8	Chromium (Cr)	N.D.	N.D.	N.D.	Not Detected	0.01
9	Cobalt (Co)	N.D.	N.D.	N.D.	0.05	0.01
10	Copper (Cu)	N.D.	N.D.	N.D.	5	0.5
11	Europium (Eu)	N.D.	N.D.	N.D.	0.05*	0.01
12	Gadolinium (Gd)	N.D.	N.D.	N.D.	0.05*	0.01
13	Iron (Fe)	N.D.	N.D.	N.D.	48	1
14	Lanthanum (La)	N.D.	N.D.	N.D.	0.05*	0.01
15	Lead(Pb)	N.D.	N.D.	N.D.	Not Detected	0.01
16	Lithium (Li)	N.D.	N.D.	N.D.	0.6	0.1
17	Magnesium(Mg)	N.D.	N.D.	N.D.	-	0.1
18	Manganese (Mn)	N.D.	N.D.	N.D.	0.6	0.05
19	Mercury(Hg)	N.D.	N.D.	N.D.	Not Detected	0.01
20	Nickel (Ni)	N.D.	N.D.	N.D.	0.02	0.01
21	Potassium(K)	N.D.	N.D.	N.D.	-	0.1
22	Sodium(Na)	N.D.	N.D.	N.D.	-	0.1

TEST REPORT

Report No.: DPHTL2501093039E

Date: Jan 21,2025

Page 12 of 16

23	Terbium (Tb)	N.D.	N.D.	N.D.	0.05*	0.01
24	Zinc (Zn)	N.D.	N.D.	N.D.	5	1
-	Conclusion	-	-	PASS	-	-

Remark(s): (a) mg/kg: milligram per kilogram
 (b) MDL: Method detected limit
 (c) N.D.: Not detected (result is less than MDL)
 (d)*:The sum of all lanthanide substances migrating to the food or food simulant does not exceed the specific migration limit of 0,05 mg/kg

19. Specific migration of Primary Aromatic Amine EN 13130-1:2004, determined by LC-MS-MS

Test Condition: 3%Acetic acid, 70°C, 2h

Compound	Material			Limit (mg/kg)	MDL (mg/kg)
	2				
	1 st	2 nd	3 rd		
1 biphenyl-4-ylamine 4- aminobiphenyl xenylamine CAS No.:92-67-1	N.D.	N.D.	N.D.	0.002	0.002
2 Benzidine CAS No.:92-87-5	N.D.	N.D.	N.D.	0.002	0.002
3 4-chloro-o-toluidine CAS No.:95-69-2	N.D.	N.D.	N.D.	0.002	0.002
4 2-Naphthylamine CAS No.:91-59-8	N.D.	N.D.	N.D.	0.002	0.002
5 o-aminoazotoluene 4- amino-2',3- dimethylazobenzene 4-o-tolylazo-o-toluidine CAS No.:97-56-3	N.D.	N.D.	N.D.	0.002	0.002
6 5-nitro-o-toluidine CAS No.:99-55-8	N.D.	N.D.	N.D.	0.002	0.002
7 4-Chloroaniline CAS No.:106-47-8	N.D.	N.D.	N.D.	0.002	0.002
8 4-methoxy-m-phenylenediamine CAS No.:615-05-4	N.D.	N.D.	N.D.	0.002	0.002
9 4,4'-methylenedianiline 4,4'-diaminodiphenylmethane CAS No.:101-77-9	N.D.	N.D.	N.D.	0.002	0.002
10 3,3'-dichlorobenzidine 3,3'- dichlorobiphenyl-4,4'- ylenediamine CAS No.:91-94-1	N.D.	N.D.	N.D.	0.002	0.002
11 3,3'-dimethoxybenzidine o- dianisidine CAS No.:119-90-4	N.D.	N.D.	N.D.	0.002	0.002

TEST REPORT

Report No.: DPHTL2501093039E

Date: Jan 21,2025

Page 13 of 16

12	3,3'-dimethylbenzidine 4,4'-bi-o-toluidine CAS No.:119-93-7	N.D.	N.D.	N.D.	0.002	0.002
13	4,4'-methylenedi-o-toluidine CAS No.:838-88-0	N.D.	N.D.	N.D.	0.002	0.002
14	6-methoxy-m-toluidine p- cresidine CAS No.:120-71-8	N.D.	N.D.	N.D.	0.002	0.002
15	4,4'-methylene-bis-(2-chloro- aniline) 2,2'-dichloro-4,4'-methylene- dianiline CAS No.:101-14-4	N.D.	N.D.	N.D.	0.002	0.002
16	4,4'-oxydianiline CAS No.:101-80-4	N.D.	N.D.	N.D.	0.002	0.002
17	4,4'-thiodianiline CAS No.:139-65-1	N.D.	N.D.	N.D.	0.002	0.002
18	o-toluidine 2-aminotoluene CAS No.:95-53-4	N.D.	N.D.	N.D.	0.002	0.002
19	4-methyl-m-phenylenediamine CAS No.:95-80-7	N.D.	N.D.	N.D.	0.002	0.002
20	2,4,5-trimethylaniline CAS No.:137-17-7	N.D.	N.D.	N.D.	0.002	0.002
21	o-anisidine 2-methoxyaniline CAS No.:90-04-0	N.D.	N.D.	N.D.	0.002	0.002
22	4-amino azobenzene CAS No.:60-09-3	N.D.	N.D.	N.D.	0.002	0.002
23	m-Phenylenediamine (m- PDA) CAS No.:108-45-2	N.D.	N.D.	N.D.	0.002	0.002
24	1,5- Diaminenaphthalene CAS No.:2243-62-01	N.D.	N.D.	N.D.	-	0.002
25	Aniline (ANL) CAS No.:62-53-3	N.D.	N.D.	N.D.	-	0.002
26	2,4-Dimethylaniline (2,4-DMA) CAS No.:95-68-1	N.D.	N.D.	N.D.	-	0.002
27	2,6-Dimethylaniline (2,6-DMA) CAS No.:87-62-7	N.D.	N.D.	N.D.	-	0.002
28	m-Phenylenediamine (m- PDA) CAS No.:108-45-2	N.D.	N.D.	N.D.	-	0.002
29	p-Phenylenediamine (p-PDA) CAS No.:106-50-3	N.D.	N.D.	N.D.	-	0.002
30	2,6-Toluenediamine (2,6- TDA) CAS No.:823-40-5	N.D.	N.D.	N.D.	-	0.002
-	Sum of 24~30	N.D.	N.D.	N.D.	0.01	-
-	Conclusion	-	-	PASS	-	-

Remark(s): (a) mg/kg: milligram per kilogram
(b) MDL: Method detected limit
(c) N.D.: Not detected (result is less than MDL)

TEST REPORT

Report No.: DPHTL2501093039E

Date: Jan 21,2025

Page 14 of 16

20. Bisphenol A Content
In-house Method, determined by LC-MS-MS

Test Item		Result	Client's Limit (mg/kg)	MDL (mg/kg)
		2		
1	Bisphenol A	N.D.	Not Detected	0.1
-	Conclusion	PASS	-	-

Remark(s): (a) mg/kg: milligram per kilogram
(b) MDL: Method detected limit
(c) N.D.: Not detected (result is less than MDL)

Regulation (EC) No 1935/2004, the Council of Europe Directive 84/500/EEC and its amendment 2005/31/EC - For Ceramic Material

21. Extractable Lead, Cadmium
84/500/EEC&2005/31/EC, determined by AAS

Test Condition: 4% Acetic acid, 22°C, 24h

Test Item(s)		Result(s)	Limit (mg/L)	MDL (mg/L)
		8		
1	Lead (Pb)	N.D.	4	0.1
2	Cadmium (Cd)	N.D.	0.3	0.01
-	Conclusion	PASS	-	-

Remark(s): (a) mg/L: milligram per litre
(b) MDL: Method detected limit
(c) N.D.: Not detected (result is less than MDL)

Material List:

Material #	Sample Description/Position	Material
1	Silvery metal,lid	-
2	Grey plastic,lid	PP
3	Translucent silicone,sealing ring	silicone

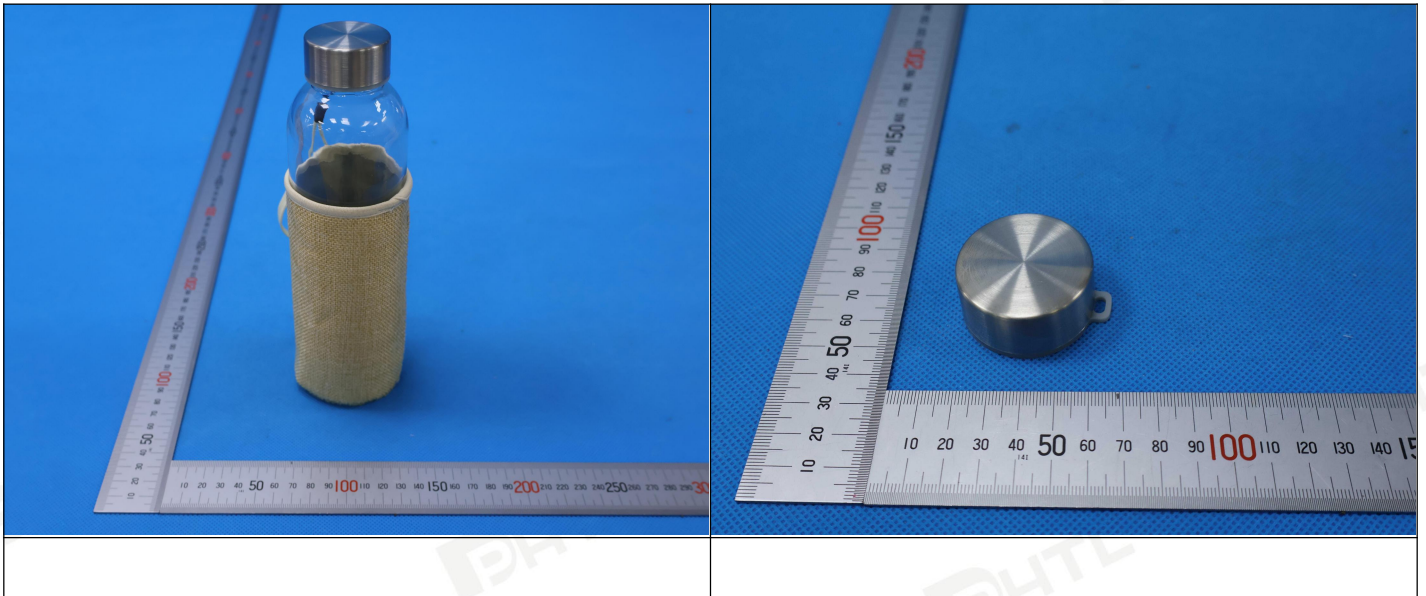
TEST REPORT

Report No.: DPHTL2501093039E

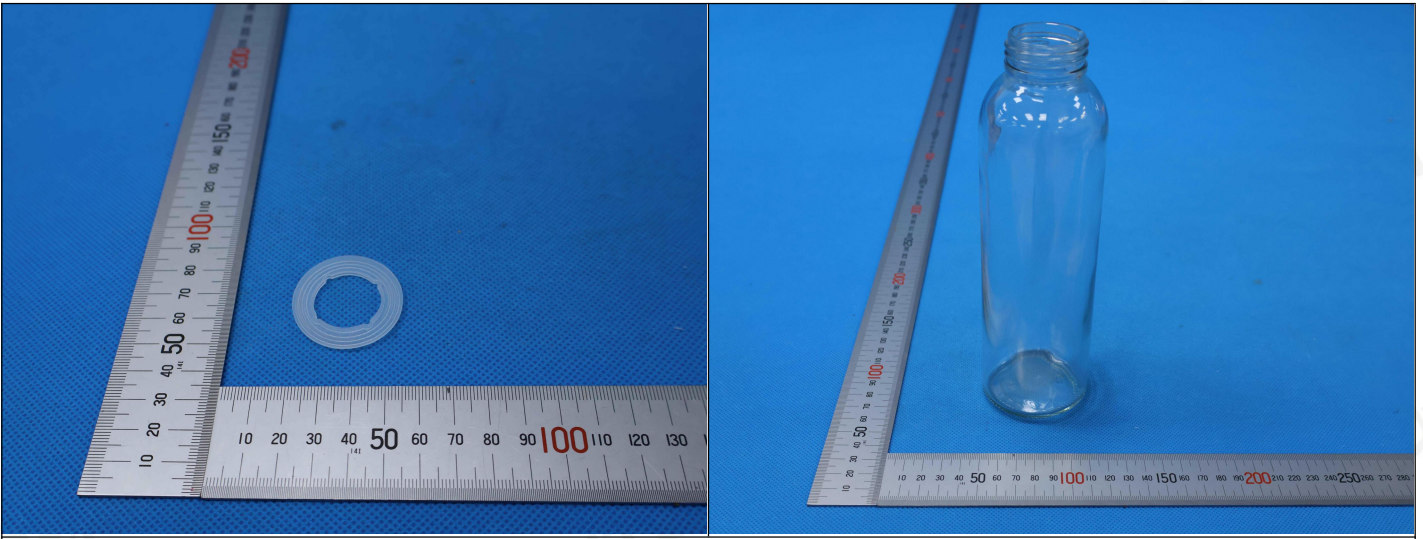
Date: Jan 21,2025

Page 15 of 16

4	Transparent plastic,core	-
5	Black textile,string	-
6	Pale yellow textile,belt	-
7	Black plastic,holder	-
8	Transparent glass,bottle	glass
9	Dark beige textile,bottle sleeve	-
10	Fleshcolor fabric,edge	-
11	Grey fabric,bottle sleeve	-
12	Beige foam,bottle sleeve	-
13	Article	-

Photo(s):

TEST REPORT



Test Sample Photo

<<<<< END OF REPORT >>>>>

声明

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