

TEST REPORT

Report No.: HA0126NB06015701CH

Date: June 11, 2026

Page 1 of 21

Applicant : Mid Ocean Brands B.V.
Address : Unit 711-716, 7/F., Tower A, 83 King Lam Street, Cheung Sha Wan,
Kowloon, Hong Kong
Manufacturer : 111256
Country of Origin : China
Country of Destination : Europe

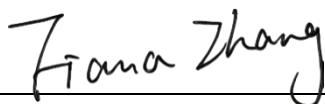
The following samples were submitted and identified by/on behalf of the client as:

Sample Description : 3 Piece Travel Set
Model No. : MO7243
Date of Sample Received : May 07, 2026, June 05, 2026
Sample Testing Date : May 07, 2026 to May 18, 2026
June 05, 2026 to June 11, 2026

Based on original report HA0126NB05007401CH.

***** For Further Details, Please Refer to the Following Page(s) *****

Compiled by:



Fiona Zhang / Project Engineer

Approved by:



Milse Xie / Technical Manager

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TEST REPORT

Report No.: HA0126NB06015701CH

Date: June 11, 2026

Page 2 of 21

Test Requested	Test conclusion
As specified by client, Determination of the Cadmium (Cd) content in the submitted samples in accordance with Annex XVII item 23 of the REACH regulation (EC) No1907/2006.	Pass
As specified by client, to determine Phthalates content in the submitted samples in accordance with REACH annex XVII item 51 and 52 of the REACH regulation (EC) No.1907/2006 and amendment No.552/2009.	Pass
As specified by client, to determine Polycyclic-Aromatic Hydrocarbons (PAHs) content in submitted sample in accordance with REACH annex XVII item 50 of the REACH regulation (EC) No.1907/2006 and amendment No.552/2009.	Pass
As specified by client, Determination of the Lead (Pb) content in the submitted samples in accordance with Annex XVII item 63 of the REACH regulation (EC) No1907/2006.	Pass
As specified by client, to determine the AZO Dyes content in the submitted samples in accordance with Annex XVII item 43 of the REACH regulation (EC) No1907/2006 and amendment (EU) No 276/2010.	Pass
As specified by client, to determine the Color Fastness to Rubbing with submitted sample.	Pass

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TEST REPORT

Report No.: HA0126NB06015701CH

Date: June 11, 2026

Page 3 of 21

Test Results:

1. Lead (Pb) and Cadmium (Cd)

Method: With reference to IEC 62321-5:2013 & EN 1122 Method B, analysis was performed by ICP-OES.

Test Items	Unit	Results				MDL	Limit
		No.1	No.2	No.3	No.4		
Lead (Pb)	mg/kg	N.D.	N.D.	N.D.	N.D.	2	500
Cadmium (Cd)	mg/kg	N.D.	N.D.	N.D.	N.D.	2	100
Conclusion	---	Pass	Pass	Pass	Pass	---	---

Test Items	Unit	Results				MDL	Limit
		No.5	No.6	No.7	No.8		
Lead (Pb)	mg/kg	N.D.	N.D.	N.D.	N.D.	2	500
Cadmium (Cd)	mg/kg	N.D.	N.D.	N.D.	N.D.	2	100
Conclusion	---	Pass	Pass	Pass	Pass	---	---

Test Items	Unit	Results				MDL	Limit
		No.9	No.10	No.11	No.12		
Lead (Pb)	mg/kg	N.D.	N.D.	N.D.	N.D.	2	500
Cadmium (Cd)	mg/kg	N.D.	N.D.	N.D.	N.D.	2	100
Conclusion	---	Pass	Pass	Pass	Pass	---	---

Test Items	Unit	Results					MDL	Limit
		No.13	No.14	No.15	No.16	No.17		
Lead (Pb)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	2	500
Cadmium (Cd)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	2	100
Conclusion	---	Pass	Pass	Pass	Pass	Pass	---	---

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TEST REPORT

Report No.: HA0126NB06015701CH

Date: June 11, 2026

Page 4 of 21

Test Items	Unit	Results			MDL	Limit
		No.18	No.19	No.20		
Lead (Pb)	mg/kg	N.D.	/	/	2	500
Cadmium (Cd)	mg/kg	N.D.	N.D.	N.D.	2	100
Conclusion	---	Pass	Pass	Pass	---	---

Test Items	Unit	Results	MDL	Limit
		No.21		
Lead (Pb)	mg/kg	/	2	500
Cadmium (Cd)	mg/kg	N.D.	2	100
Conclusion	---	Pass	---	---

Note:

(1) mg/kg=ppm=0.0001%

(2) N.D. =Not Detected (<MDL)

(3) MDL=Method Detection Limit

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TEST REPORT

Report No.: HA0126NB06015701CH

Date: June 11, 2026

Page 5 of 21

2. Polycyclic-aromatic hydrocarbons (PAHs)

Test method: With reference to AfPS GS 2019:01 PAK, analysis was performed by GC-MS.

Test Item(s)	CAS No.	Unit	Results	MDL	Limit
			No.1+2+3		
Chrysene (CHR)	218-01-9	mg/kg	N.D.	0.2	0.5
Benzo(a)anthracene (BaA)	56-55-3	mg/kg	N.D.	0.2	0.5
Benzo(b)fluoranthene (BbF)	205-99-2	mg/kg	N.D.	0.2	0.5
Benzo(k)fluoranthene (BkF)	207-08-9	mg/kg	N.D.	0.2	0.5
Benzo(j)fluoranthene (BjF)	205-82-3	mg/kg	N.D.	0.2	0.5
Benzo(a)pyrene (BaP)	50-32-8	mg/kg	N.D.	0.2	0.5
Benzo(e)pyrene (BeP)	192-97-2	mg/kg	N.D.	0.2	0.5
Dibenzo(a,h)anthracene (DBA)	53-70-3	mg/kg	N.D.	0.2	0.5
Conclusion	--	--	Pass	--	--

Test Item(s)	CAS No.	Unit	Results	MDL	Limit
			No.5+11		
Chrysene (CHR)	218-01-9	mg/kg	N.D.	0.2	0.5
Benzo(a)anthracene (BaA)	56-55-3	mg/kg	N.D.	0.2	0.5
Benzo(b)fluoranthene (BbF)	205-99-2	mg/kg	N.D.	0.2	0.5
Benzo(k)fluoranthene (BkF)	207-08-9	mg/kg	N.D.	0.2	0.5
Benzo(j)fluoranthene (BjF)	205-82-3	mg/kg	N.D.	0.2	0.5
Benzo(a)pyrene (BaP)	50-32-8	mg/kg	N.D.	0.2	0.5
Benzo(e)pyrene (BeP)	192-97-2	mg/kg	N.D.	0.2	0.5
Dibenzo(a,h)anthracene (DBA)	53-70-3	mg/kg	N.D.	0.2	0.5
Conclusion	--	--	Pass	--	--

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Report No.: HA0126NB06015701CH

Date: June 11, 2026

Page 6 of 21

Test Item(s)	CAS No.	Unit	Results	MDL	Limit
			No.6+8+9		
Chrysene (CHR)	218-01-9	mg/kg	N.D.	0.2	0.5
Benzo(a)anthracene (BaA)	56-55-3	mg/kg	N.D.	0.2	0.5
Benzo(b)fluoranthene (BbF)	205-99-2	mg/kg	N.D.	0.2	0.5
Benzo(k)fluoranthene (BkF)	207-08-9	mg/kg	N.D.	0.2	0.5
Benzo(j)fluoranthene (BjF)	205-82-3	mg/kg	N.D.	0.2	0.5
Benzo(a)pyrene (BaP)	50-32-8	mg/kg	N.D.	0.2	0.5
Benzo(e)pyrene (BeP)	192-97-2	mg/kg	N.D.	0.2	0.5
Dibenzo(a,h)anthracene (DBA)	53-70-3	mg/kg	N.D.	0.2	0.5
Conclusion	--	--	Pass	--	--

Test Item(s)	CAS No.	Unit	Results	MDL	Limit
			No.10+12		
Chrysene (CHR)	218-01-9	mg/kg	N.D.	0.2	0.5
Benzo(a)anthracene (BaA)	56-55-3	mg/kg	N.D.	0.2	0.5
Benzo(b)fluoranthene (BbF)	205-99-2	mg/kg	N.D.	0.2	0.5
Benzo(k)fluoranthene (BkF)	207-08-9	mg/kg	N.D.	0.2	0.5
Benzo(j)fluoranthene (BjF)	205-82-3	mg/kg	N.D.	0.2	0.5
Benzo(a)pyrene (BaP)	50-32-8	mg/kg	N.D.	0.2	0.5
Benzo(e)pyrene (BeP)	192-97-2	mg/kg	N.D.	0.2	0.5
Dibenzo(a,h)anthracene (DBA)	53-70-3	mg/kg	N.D.	0.2	0.5
Conclusion	--	--	Pass	--	--

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TEST REPORT

Report No.: HA0126NB06015701CH

Date: June 11, 2026

Page 7 of 21

Test Item(s)	CAS No.	Unit	Results	MDL	Limit
			No.13+16+17		
Chrysene (CHR)	218-01-9	mg/kg	N.D.	0.2	0.5
Benzo(a)anthracene (BaA)	56-55-3	mg/kg	N.D.	0.2	0.5
Benzo(b)fluoranthene (BbF)	205-99-2	mg/kg	N.D.	0.2	0.5
Benzo(k)fluoranthene (BkF)	207-08-9	mg/kg	N.D.	0.2	0.5
Benzo(j)fluoranthene (BjF)	205-82-3	mg/kg	N.D.	0.2	0.5
Benzo(a)pyrene (BaP)	50-32-8	mg/kg	N.D.	0.2	0.5
Benzo(e)pyrene (BeP)	192-97-2	mg/kg	N.D.	0.2	0.5
Dibenzo(a,h)anthracene (DBA)	53-70-3	mg/kg	N.D.	0.2	0.5
Conclusion	--	--	Pass	--	--

Test Item(s)	CAS No.	Unit	Results	MDL	Limit
			No.18		
Chrysene (CHR)	218-01-9	mg/kg	N.D.	0.2	0.5
Benzo(a)anthracene (BaA)	56-55-3	mg/kg	N.D.	0.2	0.5
Benzo(b)fluoranthene (BbF)	205-99-2	mg/kg	N.D.	0.2	0.5
Benzo(k)fluoranthene (BkF)	207-08-9	mg/kg	N.D.	0.2	0.5
Benzo(j)fluoranthene (BjF)	205-82-3	mg/kg	N.D.	0.2	0.5
Benzo(a)pyrene (BaP)	50-32-8	mg/kg	N.D.	0.2	0.5
Benzo(e)pyrene (BeP)	192-97-2	mg/kg	N.D.	0.2	0.5
Dibenzo(a,h)anthracene (DBA)	53-70-3	mg/kg	N.D.	0.2	0.5
Conclusion	--	--	Pass	--	--

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TEST REPORT

Report No.: HA0126NB06015701CH

Date: June 11, 2026

Page 8 of 21

Note:

1. mg/kg = ppm=0.0001%.
2. N.D. = Not Detected (<MDL).
3. MDL = Method Detection Limit.
4. "---" = Not Detection Limit.

Requirement according to REACH regulation (EC) No. 1907/2006 with Amendment No. 552/2009 Annex XVII Item No. 50 and (EU) No.1272/2013, are summarized as below:

Scope	Parameter	Unit	Maximum permissible limit
Tyres or parts of tyres	Benzo[a]pyrene	mg/kg	1
	Sum of 8 listed PAHs	mg/kg	10

Scope	Parameter	Unit	Maximum permissible limit
Articles with 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, made of plastic and rubber shall follow below limit:			
Such articles include amongst others: - sport equipment such as bicycles, golf clubs, racquets - household utensils, trolleys, walking frames - tools for domestic use - clothing, footwear, gloves and sportswear - watch-straps, wrist-bands, masks, headbands	Each of 8 listed PAHs	mg/kg	1
Toys, including activity toys, and childcare articles	Each of 8 listed PAHs	mg/kg	0.5

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TEST REPORT

Report No.: HA0126NB06015701CH

Date: June 11, 2026

Page 9 of 21

3. Phthalates content

Test Method: With reference to EN 14372: 2004. Analysis was performed by GC-MS.

Test Items	CAS No.	MDL[%]	Results[%]		Limit [%]
			No.1+3+4	No.5+11	
Di-isobutyl phthalate (DIBP)	84-69-5	0.005	N.D.	N.D.	0.1
Dibutyl phthalate (DBP)	84-74-2	0.005	N.D.	N.D.	0.1
Benzyl butyl phthalate (BBP)	85-68-7	0.005	N.D.	N.D.	0.1
Bis-(2-ethylhexyl)- phthalate (DEHP)	117-81-7	0.005	N.D.	N.D.	0.1
Sum of DIBP, DBP, BBP, DEHP	---	---	N.D.	N.D.	0.1
Di-isononyl phthalate (DINP)	28553-12-0, 68515-48-0	0.005	N.D.	N.D.	0.1
Di-n-octyl phthalate (DNOP)	117-84-0	0.005	N.D.	N.D.	0.1
Di-isodecyl phthalate (DIDP)	26761-40-0, 68515-49-1	0.005	N.D.	N.D.	0.1
Sum of DINP, DNOP, DIDP	---	---	N.D.	N.D.	0.1
Conclusion	---	---	Pass	Pass	---

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TEST REPORT

Report No.: HA0126NB06015701CH

Date: June 11, 2026

Page 10 of 21

Test Items	CAS No.	MDL[%]	Results[%]		Limit [%]
			No.6+8+9	No.10+12	
Di-isobutyl phthalate (DIBP)	84-69-5	0.005	N.D.	N.D.	0.1
Dibutyl phthalate (DBP)	84-74-2	0.005	N.D.	N.D.	0.1
Benzyl butyl phthalate (BBP)	85-68-7	0.005	N.D.	N.D.	0.1
Bis-(2-ethylhexyl)- phthalate (DEHP)	117-81-7	0.005	N.D.	N.D.	0.1
Sum of DIBP, DBP, BBP, DEHP	---	---	N.D.	N.D.	0.1
Di-isononyl phthalate (DINP)	28553-12-0, 68515-48-0	0.005	N.D.	N.D.	0.1
Di-n-octyl phthalate (DNOP)	117-84-0	0.005	N.D.	N.D.	0.1
Di-isodecyl phthalate (DIDP)	26761-40-0, 68515-49-1	0.005	N.D.	N.D.	0.1
Sum of DINP, DNOP, DIDP	---	---	N.D.	N.D.	0.1
Conclusion	---	---	Pass	Pass	---

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Report No.: HA0126NB06015701CH

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Page 11 of 21

Test Items	CAS No.	MDL[%]	Results[%]		Limit [%]
			No.18+19	No.20	
Di-isobutyl phthalate (DIBP)	84-69-5	0.005	N.D.	N.D.	0.1
Dibutyl phthalate (DBP)	84-74-2	0.005	N.D.	N.D.	0.1
Benzyl butyl phthalate (BBP)	85-68-7	0.005	N.D.	N.D.	0.1
Bis-(2-ethylhexyl)- phthalate (DEHP)	117-81-7	0.005	N.D.	N.D.	0.1
Sum of DIBP, DBP, BBP, DEHP	---	---	N.D.	N.D.	0.1
Di-isononyl phthalate (DINP)	28553-12-0, 68515-48-0	0.005	N.D.	N.D.	0.1
Di-n-octyl phthalate (DNOP)	117-84-0	0.005	N.D.	N.D.	0.1
Di-isodecyl phthalate (DIDP)	26761-40-0, 68515-49-1	0.005	N.D.	N.D.	0.1
Sum of DINP, DNOP, DIDP	---	---	N.D.	N.D.	0.1
Conclusion	---	---	Pass	Pass	---

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Report No.: HA0126NB06015701CH

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Page 12 of 21

Test Items	CAS No.	MDL[%]	Results[%]	Limit [%]
			No.21	
Di-isobutyl phthalate (DIBP)	84-69-5	0.005	N.D.	0.1
Dibutyl phthalate (DBP)	84-74-2	0.005	N.D.	0.1
Benzyl butyl phthalate (BBP)	85-68-7	0.005	N.D.	0.1
Bis-(2-ethylhexyl)- phthalate (DEHP)	117-81-7	0.005	N.D.	0.1
Sum of DIBP, DBP, BBP, DEHP	---	---	N.D.	0.1
Di-isononyl phthalate (DINP)	28553-12-0, 68515-48-0	0.005	N.D.	0.1
Di-n-octyl phthalate (DNOP)	117-84-0	0.005	N.D.	0.1
Di-isodecyl phthalate (DIDP)	26761-40-0, 68515-49-1	0.005	N.D.	0.1
Sum of DINP, DNOP, DIDP	---	---	N.D.	0.1
Conclusion	---	---	Pass	---

Note:

1. mg/kg=ppm=0.0001%.
2. N.D. =Not Detected (<MDL).
3. MDL=Method Detection Limit.
4. "---" = Not Detection Limit.

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TEST REPORT

Report No.: HA0126NB06015701CH

Date: June 11, 2026

Page 13 of 21

4. AZO Dyes Content

Test Method: With reference to EN 14362-1:2017, Textiles-Methods determination of certain aromatic amines derived from azo colorants and EN 14362-3:2017, Textiles-Methods determination of 4-aminoazobenzene.

Code	Aromatic Amine Substances	CAS No.	Unit	MDL	Limit	Results
						No.1
1	4-aminobiphenyl xenylamine	92-67-1	mg/kg	5	---	N.D.
2	benzidine	92-87-5	mg/kg	5	---	N.D.
3	4-chloro-o-toluidine	95-69-2	mg/kg	5	---	N.D.
4	2-naphthylamine	91-59-8	mg/kg	5	---	N.D.
5	* o-aminoazotoluene	97-56-3	mg/kg	5	---	N.D.
6	* 5-nitro-o-toluidine	99-55-8	mg/kg	5	---	N.D.
7	4-chloroaniline	106-47-8	mg/kg	5	---	N.D.
8	4-methoxy-m-phenylenediamine	615-05-4	mg/kg	5	---	N.D.
9	4,4'-methylenedianiline	101-77-9	mg/kg	5	---	N.D.
10	3,3'-dichlorobenzidine	91-94-1	mg/kg	5	---	N.D.
11	3,3'-dimethoxybenzidine	119-90-4	mg/kg	5	---	N.D.
12	3,3'-dimethylbenzidine	119-93-7	mg/kg	5	---	N.D.
13	4,4'-methylenedi-o-toluidine	838-88-0	mg/kg	5	---	N.D.
14	6-methoxy-m-toluidine p-kresidine	120-71-8	mg/kg	5	---	N.D.
15	4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	mg/kg	5	---	N.D.
16	4,4'-oxydianiline	101-80-4	mg/kg	5	---	N.D.
17	4,4'-thiodianiline	139-65-1	mg/kg	5	---	N.D.
18	o-toluidine	95-53-4	mg/kg	5	---	N.D.
19	4-methyl-m-phenylenediamine	95-80-7	mg/kg	5	---	N.D.
20	2,4,5-trimethylaniline	137-17-7	mg/kg	5	---	N.D.
21	o-anisidine	90-04-0	mg/kg	5	---	N.D.
22	4-amino azobenzene	60-09-3	mg/kg	5	---	N.D.
23	2,4-Xylidine	95-68-1	mg/kg	5	---	N.D.
24	2,6-Xylidine	87-62-7	mg/kg	5	---	N.D.
Sum of the above-mentioned Aromatic Amine			mg/kg	---	30	N.D.
Conclusion			---	---	---	Pass

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Tel: 0574-87171888 Website: www.hatek.com.cn E-mail: info@hatek.com.cn

TEST REPORT

Report No.: HA0126NB06015701CH

Date: June 11, 2026

Page 14 of 21

Code	Aromatic Amine Substances	CAS No.	Unit	MDL	Limit	Results
						No.3
1	4-aminobiphenyl xenylamine	92-67-1	mg/kg	5	---	N.D.
2	benzidine	92-87-5	mg/kg	5	---	N.D.
3	4-chloro-o-toluidine	95-69-2	mg/kg	5	---	N.D.
4	2-naphthylamine	91-59-8	mg/kg	5	---	N.D.
5	* o-aminoazotoluene	97-56-3	mg/kg	5	---	N.D.
6	* 5-nitro-o-toluidine	99-55-8	mg/kg	5	---	N.D.
7	4-chloroaniline	106-47-8	mg/kg	5	---	N.D.
8	4-methoxy-m-phenylenediamine	615-05-4	mg/kg	5	---	N.D.
9	4,4'-methylenedianiline	101-77-9	mg/kg	5	---	N.D.
10	3,3'-dichlorobenzidine	91-94-1	mg/kg	5	---	N.D.
11	3,3'-dimethoxybenzidine	119-90-4	mg/kg	5	---	N.D.
12	3,3'-dimethylbenzidine	119-93-7	mg/kg	5	---	N.D.
13	4,4'-methylenedi-o-toluidine	838-88-0	mg/kg	5	---	N.D.
14	6-methoxy-m-toluidine p-kresidine	120-71-8	mg/kg	5	---	N.D.
15	4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	mg/kg	5	---	N.D.
16	4,4'-oxydianiline	101-80-4	mg/kg	5	---	N.D.
17	4,4'-thiodianiline	139-65-1	mg/kg	5	---	N.D.
18	o-toluidine	95-53-4	mg/kg	5	---	N.D.
19	4-methyl-m-phenylenediamine	95-80-7	mg/kg	5	---	N.D.
20	2,4,5-trimethylaniline	137-17-7	mg/kg	5	---	N.D.
21	o-anisidine	90-04-0	mg/kg	5	---	N.D.
22	4-amino azobenzene	60-09-3	mg/kg	5	---	N.D.
23	2,4-Xylidine	95-68-1	mg/kg	5	---	N.D.
24	2,6-Xylidine	87-62-7	mg/kg	5	---	N.D.
Sum of the above-mentioned Aromatic Amine			mg/kg	---	30	N.D.
Conclusion			---	---	---	Pass

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TEST REPORT

Report No.: HA0126NB06015701CH

Date: June 11, 2026

Page 15 of 21

Code	Aromatic Amine Substances	CAS No.	Unit	MDL	Limit	Results
						No.4
1	4-aminobiphenyl xenylamine	92-67-1	mg/kg	5	---	N.D.
2	benzidine	92-87-5	mg/kg	5	---	N.D.
3	4-chloro-o-toluidine	95-69-2	mg/kg	5	---	N.D.
4	2-naphthylamine	91-59-8	mg/kg	5	---	N.D.
5	* o-aminoazotoluene	97-56-3	mg/kg	5	---	N.D.
6	* 5-nitro-o-toluidine	99-55-8	mg/kg	5	---	N.D.
7	4-chloroaniline	106-47-8	mg/kg	5	---	N.D.
8	4-methoxy-m-phenylenediamine	615-05-4	mg/kg	5	---	N.D.
9	4,4'-methylenedianiline	101-77-9	mg/kg	5	---	N.D.
10	3,3'-dichlorobenzidine	91-94-1	mg/kg	5	---	N.D.
11	3,3'-dimethoxybenzidine	119-90-4	mg/kg	5	---	N.D.
12	3,3'-dimethylbenzidine	119-93-7	mg/kg	5	---	N.D.
13	4,4'-methylenedi-o-toluidine	838-88-0	mg/kg	5	---	N.D.
14	6-methoxy-m-toluidine p-kresidine	120-71-8	mg/kg	5	---	N.D.
15	4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	mg/kg	5	---	N.D.
16	4,4'-oxydianiline	101-80-4	mg/kg	5	---	N.D.
17	4,4'-thiodianiline	139-65-1	mg/kg	5	---	N.D.
18	o-toluidine	95-53-4	mg/kg	5	---	N.D.
19	4-methyl-m-phenylenediamine	95-80-7	mg/kg	5	---	N.D.
20	2,4,5-trimethylaniline	137-17-7	mg/kg	5	---	N.D.
21	o-anisidine	90-04-0	mg/kg	5	---	N.D.
22	4-amino azobenzene	60-09-3	mg/kg	5	---	N.D.
23	2,4-Xylidine	95-68-1	mg/kg	5	---	N.D.
24	2,6-Xylidine	87-62-7	mg/kg	5	---	N.D.
Sum of the above-mentioned Aromatic Amine			mg/kg	---	30	N.D.
Conclusion			---	---	---	Pass

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TEST REPORT

Report No.: HA0126NB06015701CH

Date: June 11, 2026

Page 16 of 21

Code	Aromatic Amine Substances	CAS No.	Unit	MDL	Limit	Results
						No.5
1	4-aminobiphenyl xenylamine	92-67-1	mg/kg	5	---	N.D.
2	benzidine	92-87-5	mg/kg	5	---	N.D.
3	4-chloro-o-toluidine	95-69-2	mg/kg	5	---	N.D.
4	2-naphthylamine	91-59-8	mg/kg	5	---	N.D.
5	* o-aminoazotoluene	97-56-3	mg/kg	5	---	N.D.
6	* 5-nitro-o-toluidine	99-55-8	mg/kg	5	---	N.D.
7	4-chloroaniline	106-47-8	mg/kg	5	---	N.D.
8	4-methoxy-m-phenylenediamine	615-05-4	mg/kg	5	---	N.D.
9	4,4'-methylenedianiline	101-77-9	mg/kg	5	---	N.D.
10	3,3'-dichlorobenzidine	91-94-1	mg/kg	5	---	N.D.
11	3,3'-dimethoxybenzidine	119-90-4	mg/kg	5	---	N.D.
12	3,3'-dimethylbenzidine	119-93-7	mg/kg	5	---	N.D.
13	4,4'-methylenedi-o-toluidine	838-88-0	mg/kg	5	---	N.D.
14	6-methoxy-m-toluidine p-kresidine	120-71-8	mg/kg	5	---	N.D.
15	4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	mg/kg	5	---	N.D.
16	4,4'-oxydianiline	101-80-4	mg/kg	5	---	N.D.
17	4,4'-thiodianiline	139-65-1	mg/kg	5	---	N.D.
18	o-toluidine	95-53-4	mg/kg	5	---	N.D.
19	4-methyl-m-phenylenediamine	95-80-7	mg/kg	5	---	N.D.
20	2,4,5-trimethylaniline	137-17-7	mg/kg	5	---	N.D.
21	o-anisidine	90-04-0	mg/kg	5	---	N.D.
22	4-amino azobenzene	60-09-3	mg/kg	5	---	N.D.
23	2,4-Xylidine	95-68-1	mg/kg	5	---	N.D.
24	2,6-Xylidine	87-62-7	mg/kg	5	---	N.D.
Sum of the above-mentioned Aromatic Amine			mg/kg	---	30	N.D.
Conclusion			---	---	---	Pass

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TEST REPORT

Report No.: HA0126NB06015701CH

Date: June 11, 2026

Page 17 of 21

Code	Aromatic Amine Substances	CAS No.	Unit	MDL	Limit	Results
						No.11
1	4-aminobiphenyl xenylamine	92-67-1	mg/kg	5	---	N.D.
2	benzidine	92-87-5	mg/kg	5	---	N.D.
3	4-chloro-o-toluidine	95-69-2	mg/kg	5	---	N.D.
4	2-naphthylamine	91-59-8	mg/kg	5	---	N.D.
5	* o-aminoazotoluene	97-56-3	mg/kg	5	---	N.D.
6	* 5-nitro-o-toluidine	99-55-8	mg/kg	5	---	N.D.
7	4-chloroaniline	106-47-8	mg/kg	5	---	N.D.
8	4-methoxy-m-phenylenediamine	615-05-4	mg/kg	5	---	N.D.
9	4,4'-methylenedianiline	101-77-9	mg/kg	5	---	N.D.
10	3,3'-dichlorobenzidine	91-94-1	mg/kg	5	---	N.D.
11	3,3'-dimethoxybenzidine	119-90-4	mg/kg	5	---	N.D.
12	3,3'-dimethylbenzidine	119-93-7	mg/kg	5	---	N.D.
13	4,4'-methylenedi-o-toluidine	838-88-0	mg/kg	5	---	N.D.
14	6-methoxy-m-toluidine p-kresidine	120-71-8	mg/kg	5	---	N.D.
15	4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	mg/kg	5	---	N.D.
16	4,4'-oxydianiline	101-80-4	mg/kg	5	---	N.D.
17	4,4'-thiodianiline	139-65-1	mg/kg	5	---	N.D.
18	o-toluidine	95-53-4	mg/kg	5	---	N.D.
19	4-methyl-m-phenylenediamine	95-80-7	mg/kg	5	---	N.D.
20	2,4,5-trimethylaniline	137-17-7	mg/kg	5	---	N.D.
21	o-anisidine	90-04-0	mg/kg	5	---	N.D.
22	4-amino azobenzene	60-09-3	mg/kg	5	---	N.D.
23	2,4-Xylidine	95-68-1	mg/kg	5	---	N.D.
24	2,6-Xylidine	87-62-7	mg/kg	5	---	N.D.
Sum of the above-mentioned Aromatic Amine			mg/kg	---	30	N.D.
Conclusion			---	---	---	Pass

Note:

1. mg/kg=ppm=0.0001%;
2. N.D. =Not Detected(<MDL);
3. MDL=Method Detection Limit;
4. "---"=Not Conducted;
5. " * " The o-aminoazotoluene (97-56-3)and 5-nitro-o-toluidine (99-55-8) are further reduced to o-toluidine (95-53-4) and 4-methyl-m-phenylenediamine (95-80-7).

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TEST REPORT

Report No.: HA0126NB06015701CH

Date: June 11, 2026

Page 18 of 21

5. Color Fastness to Rubbing

Test method: With reference to EN ISO 105X12: 2016.

Test result(Grade):	No.1	No.3	No.4	No.5	No.11
Dry staining	4-5	4-5	4-5	4-5	4-5
Wet staining	4-5	4-5	4-5	4-5	4-5
Remark: Grey Scale Rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good.					

Note:

1. mg/kg=ppm=0.0001%;
2. N.D. =Not Detected(<MDL);
3. MDL=Method Detection Limit;

Sample Description:

No.1: Woven Fabric
No.2: Black Plastic
No.3: Purple Fabric
No.4: Black Woven Belt
No.5: Care Label
No.6: Transparent Plastic
No.7: Black Coating
No.8: Silver Metal
No.9: Transparent Plastic
No.10: Black Plastic
No.11: Black Woven Belt
No.12: Black Plastic
No.13: Black Coating
No.14: Metal Substrate
No.15: Silver Metal
No.16: White Paper
No.17: Transparent Plastic
No.18: Black plastic backing on black fabric
No.19: Black plastic piping inside the edge
No.20: White foam inside pouch
No.21: Black plastic

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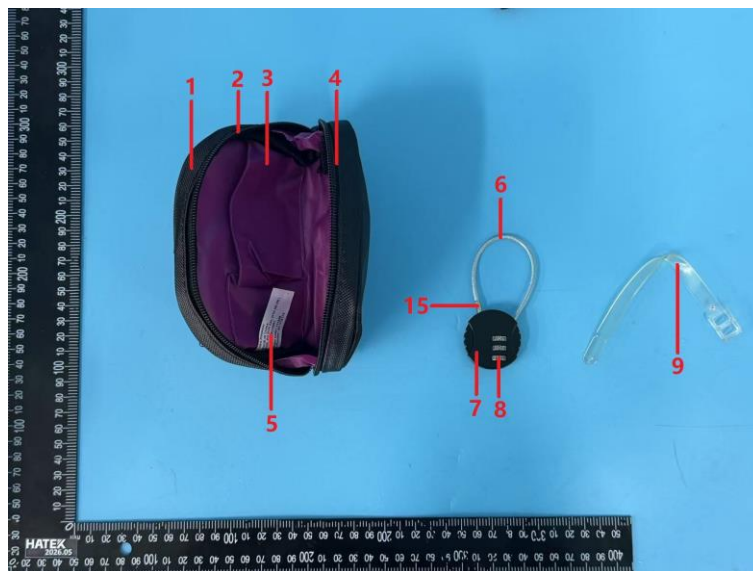
TEST REPORT

Report No.: HA0126NB06015701CH

Date: June 11, 2026

Page 19 of 21

Sample Photo:



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Date: June 11, 2026

Page 20 of 21



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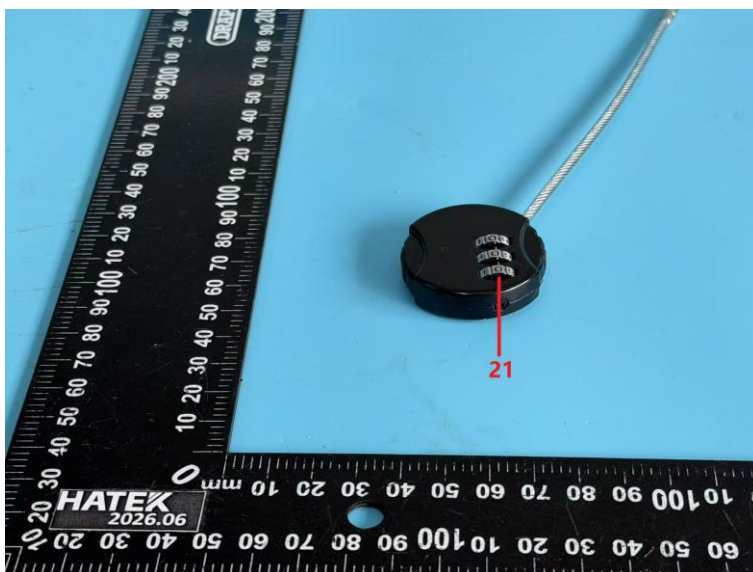
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TEST REPORT

Report No.: HA0126NB06015701CH

Date: June 11, 2026

Page 21 of 21



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