

Test Report

Report No.: GNBC240511139R2EN

Issue Date: May. 28, 2025

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The following information was/were submitted and identified by/on behalf of the client:

Applicant : Mid Ocean Brands B.V.
Address : 7/F., Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong.
Sample Name : BACKPACK
Sample Model : MO2318
Vendor code : 109979
Sample Receive Date : May. 11, 2024
Sample Resubmitted Date : May. 21, 2024 & Jun. 24, 2024 & Jun. 27, 2024 & Apr. 23, 2025
Sample Testing Period : May. 11, 2024 - May. 16, 2024 & May. 21, 2024 - May. 27, 2024
& Jun. 24, 2024 - Jun. 25, 2024 & Jun. 27, 2024 - Jun. 28, 2024
& Apr. 23, 2025 - Apr. 29, 2025

Test Result Summary:

As requested by the applicant, for details refer to attached page(s).

TEST ITEM(S)	TEST REQUESTED	CONCLUSION(S)
Lead(Pb) content	Entry 63 of Commission Regulation (EU) 2023/923, (EU) 2021/57, (EU) 2015/628 and (EU) No 836/2012 amending Annex XVII of REACH Regulation (EC) No 1907/2006	PASS
Cadmium(Cd) content	Entry 23 of Commission Regulation (EU) 2016/217, (EU) No 835/2012 and (EU) No 494/2011 amending Annex XVII of REACH Regulation (EC) No 1907/2006	PASS
Phthalates content	Entry 51 & 52 of Commission Regulation (EU) 2018/2005 and (EU) 2015/326 amending Annex XVII of REACH Regulation (EC) No 1907/2006	PASS
Polycyclic Aromatic Hydrocarbon (PAHs)	Entry 50 of Commission Regulation (EU) 2021/1199, (EU) 2015/326 and (EU) No 1272/2013 amending Annex XVII of REACH Regulation (EC) No 1907/2006	PASS
Azo-dyes	Entry 43 of Commission Regulation (EU) 2020/2096 and (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006	PASS
Colour Fastness to rubbing	Selected test(s) as requested by client	PASS

Authorized signature:



Lab Manager: Gavin Zhou



May. 28, 2025

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Test Result(s):**Test Part Description:**

Part No.	Description
<u>01</u>	Black backpack belt
<u>02</u>	Black mesh
<u>03</u>	Black plastic buckle
<u>04</u>	Black fabric cloth (body)
<u>05</u>	Black fabric (lining)
<u>06</u>	Black metal zipper
<u>07</u>	Velcro Loop
<u>08</u>	Velcro Hook
<u>09</u>	Black soft polymer (zipper puller)
<u>10</u>	Black braided lanyard
<u>11</u>	Black fabric (zipper cloth)
<u>12</u>	Black plastic (zipper teeth)
<u>13</u>	Black fabric binding
<u>14</u>	Black grey fabric
<u>15</u>	White foam (inner)
<u>16</u>	Navy fabric body

1. Lead(Pb) content - REACH Regulation Annex XVII, Entry 63**Test Method:** With reference to IEC 62321-5:2013, Acid digestion and determined by ICP-OES

Part No.	Unit	MDL	Limit	Result(s)	Conclusion(s)
<u>01+02+04</u>	mg/kg	10	500	N.D.	PASS
<u>03+05</u>	mg/kg	10	500	N.D.	PASS
<u>06</u>	mg/kg	10	500	36	PASS
<u>07+08</u>	mg/kg	10	500	N.D.	PASS
<u>09+12</u>	mg/kg	10	500	38	PASS
<u>10+11+13</u>	mg/kg	10	500	N.D.	PASS
<u>14^R</u>	mg/kg	10	500	N.D.	PASS
<u>15</u>	mg/kg	10	500	N.D.	PASS
<u>16</u>	mg/kg	10	500	N.D.	PASS

Note:

1. 1000mg/kg = 0.1%;
2. MDL = Method Detection Limit;
3. N.D. = Not Detected (<MDL);
4. For sample(s) 01+02+04, 03+05, 07+08, 09+12 and 10+11+13, composite test has been performed as per client's request and the test result is the overall result.

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2. Cadmium(Cd) content - REACH Regulation Annex XVII, Entry 23

Test Method: With reference to IEC 62321-5:2013, Acid digestion and determined by ICP-OES

<u>Part No.</u>	<u>Unit</u>	<u>MDL</u>	<u>Limit</u>	<u>Result(s)</u>	<u>Conclusion(s)</u>
<u>01+02+04</u>	mg/kg	2	100	N.D.	PASS
<u>03+05</u>	mg/kg	2	100	N.D.	PASS
<u>06</u>	mg/kg	2	100	N.D.	PASS
<u>07+08</u>	mg/kg	2	100	N.D.	PASS
<u>09+12</u>	mg/kg	2	100	N.D.	PASS
<u>10+11+13</u>	mg/kg	2	100	N.D.	PASS
<u>14^R</u>	mg/kg	2	100	N.D.	PASS
<u>15</u>	mg/kg	2	100	N.D.	PASS
<u>16</u>	mg/kg	2	100	N.D.	PASS

Note:

1. 1000mg/kg = 0.1%;
2. MDL = Method Detection Limit;
3. N.D. = Not Detected (<MDL);
4. For sample(s) 01+02+04, 03+05, 07+08, 09+12 and 10+11+13, composite test has been performed as per client's request and the test result is the overall result.

3. Phthalates content - REACH Regulation Annex XVII, Entry 51 & 52

Test Method: With reference to IEC 62321-8:2017, Solvent extraction and determined by GC-MS

For REACH Annex XVII Entry 51, Following phthalates intended for all the materials of toys and childcare articles:

<u>Test Item(s)</u>	<u>CAS No.</u>	<u>Unit</u>	<u>MDL</u>	<u>Limit</u>	<u>Result(s)</u>		
					<u>01+02 +04</u>	<u>03+05</u>	<u>07+08</u>
Dibutyl phthalate (DBP)	84-74-2	%	0.005	--	N.D.	N.D.	N.D.
Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	--	N.D.	N.D.	N.D.
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	--	N.D.	N.D.	N.D.
Di-iso-butyl phthalate (DIBP)	84-69-5	%	0.005	--	N.D.	N.D.	N.D.
Sum of DBP, BBP, DEHP and DIBP	--	%	--	0.1	N.D.	N.D.	N.D.
<u>Conclusion(s)</u>					PASS	PASS	PASS

For REACH Annex XVII Entry 52, Following phthalates intended for materials of toys and childcare articles that can be placed in the mouth:

<u>Test Item(s)</u>	<u>CAS No.</u>	<u>Unit</u>	<u>MDL</u>	<u>Limit</u>	<u>Result(s)</u>		
					<u>01+02 +04</u>	<u>03+05</u>	<u>07+08</u>
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.005	--	N.D.	N.D.	N.D.

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Test Item(s)	CAS No.	Unit	MDL	Limit	Result(s)		
					01+02 +04	03+05	07+08
Di-iso-nonyl phthalate (DINP)	28553-12-0/ 68515-48-0	%	0.010	--	N.D.	N.D.	N.D.
Di-iso-decyl phthalate (DIDP)	26761-40-0/ 68515-49-1	%	0.010	--	N.D.	N.D.	N.D.
Sum of DNOP, DINP and DIDP	--	%	--	0.1	N.D.	N.D.	N.D.
Conclusion(s)					PASS	PASS	PASS

For REACH Annex XVII Entry 51, Following phthalates intended for all the materials of toys and childcare articles:

Test Item(s)	CAS No.	Unit	MDL	Limit	Result(s)		
					09+12 +13	10+11 +13	14 ^R
Dibutyl phthalate (DBP)	84-74-2	%	0.005	--	N.D.	N.D.	N.D.
Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	--	N.D.	N.D.	N.D.
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	--	N.D.	N.D.	N.D.
Di-iso-butyl phthalate (DIBP)	84-69-5	%	0.005	--	N.D.	N.D.	N.D.
Sum of DBP, BBP, DEHP and DIBP	--	%	--	0.1	N.D.	N.D.	N.D.
Conclusion(s)					PASS	PASS	PASS

For REACH Annex XVII Entry 52, Following phthalates intended for materials of toys and childcare articles that can be placed in the mouth:

Test Item(s)	CAS No.	Unit	MDL	Limit	Result(s)		
					09+12 +13	10+11 +13	14 ^R
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.005	--	N.D.	N.D.	N.D.
Di-iso-nonyl phthalate (DINP)	28553-12-0/ 68515-48-0	%	0.010	--	N.D.	N.D.	N.D.
Di-iso-decyl phthalate (DIDP)	26761-40-0/ 68515-49-1	%	0.010	--	N.D.	N.D.	N.D.
Sum of DNOP, DINP and DIDP	--	%	--	0.1	N.D.	N.D.	N.D.
Conclusion(s)					PASS	PASS	PASS

For REACH Annex XVII Entry 51, Following phthalates intended for all the materials of toys and childcare articles:

Test Item(s)	CAS No.	Unit	MDL	Limit	Result(s)	
					15	16
Dibutyl phthalate (DBP)	84-74-2	%	0.005	--	N.D.	N.D.
Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	--	N.D.	N.D.
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	--	N.D.	N.D.
Di-iso-butyl phthalate (DIBP)	84-69-5	%	0.005	--	N.D.	N.D.
Sum of DBP, BBP, DEHP and DIBP	--	%	--	0.1	N.D.	N.D.
Conclusion(s)					PASS	PASS

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For REACH Annex XVII Entry 52, Following phthalates intended for materials of toys and childcare articles that can be placed in the mouth:

Test Item(s)	CAS No.	Unit	MDL	Limit	Result(s)	
					15	16
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.005	--	N.D.	N.D.
Di-iso-nonyl phthalate (DINP)	28553-12-0/ 68515-48-0	%	0.010	--	N.D.	N.D.
Di-iso-decyl phthalate (DIDP)	26761-40-0/ 68515-49-1	%	0.010	--	N.D.	N.D.
Sum of DNOP, DINP and DIDP	--	%	--	0.1	N.D.	N.D.
Conclusion(s)					PASS	PASS

Note:

1. 0.1% = 1000mg/kg;
2. MDL = Method Detection Limit;
3. N.D. = Not Detected (<MDL);
4. For sample(s) 01+02+04, 03+05, 07+08, 09+12 and 10+11+13, composite test has been performed as per client's request and the test result is the overall result.

4. Polycyclic Aromatic Hydrocarbon (PAHs) - REACH Regulation Annex XVII, Entry 50

Test Method: With reference to AfPS GS 2019:01 PAK, Solvent extraction and determined by GC-MS

Test Item(s)	CAS No.	Unit	MDL	Limit			Result(s)		
				I	II	III	01+02 +04	03+05	08
Benzo(a)pyrene(BaP)	50-32-8	mg/kg	0.2	1	1	0.5	N.D.	N.D.	N.D.
Benzo(e)pyrene(BeP)	192-97-2	mg/kg	0.2	--	1	0.5	N.D.	N.D.	N.D.
Benz(a)anthracene(BaA)	56-55-3	mg/kg	0.2	--	1	0.5	N.D.	N.D.	N.D.
Chrysene(CHR)	218-01-9	mg/kg	0.2	--	1	0.5	N.D.	N.D.	N.D.
Benzo(b)fluoranthene(BbF)	205-99-2	mg/kg	0.2	--	1	0.5	N.D.	N.D.	N.D.
Benzo(j)fluoranthene(BjF)	205-82-3	mg/kg	0.2	--	1	0.5	N.D.	N.D.	N.D.
Benzo(k)fluoranthene(BkF)	207-08-9	mg/kg	0.2	--	1	0.5	N.D.	N.D.	N.D.
Dibenz(a,h)anthracene(DBA)	53-70-3	mg/kg	0.2	--	1	0.5	N.D.	N.D.	N.D.
Sum of above PAHs	--	--	--	10	--	--	N.D.	N.D.	N.D.
Product Category	--	--	--	--	--	--	II	II	II
Conclusion(s)							PASS	PASS	PASS

Test Item(s)	CAS No.	Unit	MDL	Limit			Result(s)		
				I	II	III	09	12	14 ^R
Benzo(a)pyrene(BaP)	50-32-8	mg/kg	0.2	1	1	0.5	N.D.	N.D.	N.D.
Benzo(e)pyrene(BeP)	192-97-2	mg/kg	0.2	--	1	0.5	N.D.	N.D.	N.D.
Benz(a)anthracene(BaA)	56-55-3	mg/kg	0.2	--	1	0.5	N.D.	N.D.	N.D.

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Test Item(s)	CAS No.	Unit	MDL	Limit			Result(s)		
				I	II	III	09	12	14 ^R
Chrysene(CHR)	218-01-9	mg/kg	0.2	--	1	0.5	N.D.	N.D.	N.D.
Benzo(b)fluoranthene(BbF)	205-99-2	mg/kg	0.2	--	1	0.5	N.D.	N.D.	N.D.
Benzo(j)fluoranthene(BjF)	205-82-3	mg/kg	0.2	--	1	0.5	N.D.	N.D.	N.D.
Benzo(k)fluoranthene(BkF)	207-08-9	mg/kg	0.2	--	1	0.5	N.D.	N.D.	N.D.
Dibenz(a,h)anthracene(DBA)	53-70-3	mg/kg	0.2	--	1	0.5	N.D.	N.D.	N.D.
Sum of above PAHs	--	--	--	10	--	--	N.D.	N.D.	N.D.
Product Category	--	--	--	--	--	--	II	II	II
Conclusion(s)							PASS	PASS	PASS

Test Item(s)	CAS No.	Unit	MDL	Limit			Result(s)	
				I	II	III	15	16
Benzo(a)pyrene(BaP)	50-32-8	mg/kg	0.2	1	1	0.5	N.D.	N.D.
Benzo(e)pyrene(BeP)	192-97-2	mg/kg	0.2	--	1	0.5	N.D.	N.D.
Benz(a)anthracene(BaA)	56-55-3	mg/kg	0.2	--	1	0.5	N.D.	N.D.
Chrysene(CHR)	218-01-9	mg/kg	0.2	--	1	0.5	N.D.	N.D.
Benzo(b)fluoranthene(BbF)	205-99-2	mg/kg	0.2	--	1	0.5	N.D.	N.D.
Benzo(j)fluoranthene(BjF)	205-82-3	mg/kg	0.2	--	1	0.5	N.D.	N.D.
Benzo(k)fluoranthene(BkF)	207-08-9	mg/kg	0.2	--	1	0.5	N.D.	N.D.
Dibenz(a,h)anthracene(DBA)	53-70-3	mg/kg	0.2	--	1	0.5	N.D.	N.D.
Sum of above PAHs	--	--	--	10	--	--	N.D.	N.D.
Product Category	--	--	--	--	--	--	II	II
Conclusion(s)							PASS	PASS

Note: 1. 1000mg/kg = 0.1%;

2. MDL = Method Detection Limit;

3. N.D. = Not Detected (<MDL);

4. "#" = Product category:

I = For extender oils or used for the production of tyres or parts of tyres.

II = For Articles, if any of their rubber or plastic components 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.

III = For Toys, including activity toys, and childcare articles, if any of their rubber or plastic components 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.

5. For sample(s) 01+02+04 and 03+05, composite test has been performed as per client's request and the test result is the overall result.

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5. Azo-dyes - REACH Regulation Annex XVII, Entry 43

Test Method: EN ISO 14362-1:2017 & EN ISO 14362-3:2017, Solvent extraction and determined by GC-MS & HPLC/DAD

Item No.	Test Item(s)	CAS No.	Unit	MDL	Limit	Result(s)	
						01+02 +04	03+05
1	4-aminobiphenyl	92-67-1	mg/kg	5	30	N.D.	N.D.
2	benzidine	92-87-5	mg/kg	5	30	N.D.	N.D.
3	4-chloro-o-toluidine	95-69-2	mg/kg	5	30	N.D.	N.D.
4	2-naphthylamine	91-59-8	mg/kg	5	30	N.D.	N.D.
5	o-aminoazotoluene ^{#a}	97-56-3	mg/kg	5	30	N.D.	N.D.
6	5-nitro-o-toluidine ^{#a}	99-55-8	mg/kg	5	30	N.D.	N.D.
7	4-chloroaniline	106-47-8	mg/kg	5	30	N.D.	N.D.
8	4-methoxy-m-phenylenediamine	615-05-4	mg/kg	5	30	N.D.	N.D.
9	4,4'-diaminophenylmethane	101-77-9	mg/kg	5	30	N.D.	N.D.
10	3,3'-dichlorobenzidine	91-94-1	mg/kg	5	30	N.D.	N.D.
11	3,3'-dimethoxybenzidine	119-90-4	mg/kg	5	30	N.D.	N.D.
12	3,3'-dimethylbenzidine	119-93-7	mg/kg	5	30	N.D.	N.D.
13	4,4'-methylenedi-o-toluidine	838-88-0	mg/kg	5	30	N.D.	N.D.
14	p-cresidine	120-71-8	mg/kg	5	30	N.D.	N.D.
15	4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	mg/kg	5	30	N.D.	N.D.
16	4,4'-oxydianiline	101-80-4	mg/kg	5	30	N.D.	N.D.
17	4,4'-thiodianiline	139-65-1	mg/kg	5	30	N.D.	N.D.
18	o-Toluidine	95-53-4	mg/kg	5	30	N.D.	N.D.
19	2,4-Toluylenediamine	95-80-7	mg/kg	5	30	N.D.	N.D.
20	2,4,5-Trimethylaniline	137-17-7	mg/kg	5	30	N.D.	N.D.
21	o-anisidine	90-04-0	mg/kg	5	30	N.D.	N.D.
22	4-aminoazobenzene ^{#b}	60-09-3	mg/kg	5	30	N.D.	N.D.
Conclusion(s)						PASS	PASS

Item No.	Test Item(s)	CAS No.	Unit	MDL	Limit	Result(s)	
						07+10	11+13
1	4-aminobiphenyl	92-67-1	mg/kg	5	30	N.D.	N.D.
2	benzidine	92-87-5	mg/kg	5	30	N.D.	N.D.
3	4-chloro-o-toluidine	95-69-2	mg/kg	5	30	N.D.	N.D.
4	2-naphthylamine	91-59-8	mg/kg	5	30	N.D.	N.D.
5	o-aminoazotoluene ^{#a}	97-56-3	mg/kg	5	30	N.D.	N.D.
6	5-nitro-o-toluidine ^{#a}	99-55-8	mg/kg	5	30	N.D.	N.D.
7	4-chloroaniline	106-47-8	mg/kg	5	30	N.D.	N.D.
8	4-methoxy-m-phenylenediamine	615-05-4	mg/kg	5	30	N.D.	N.D.
9	4,4'-diaminophenylmethane	101-77-9	mg/kg	5	30	N.D.	N.D.

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Item No.	Test Item(s)	CAS No.	Unit	MDL	Limit	Result(s)	
						07+10	11+13
10	3,3'-dichlorobenzidine	91-94-1	mg/kg	5	30	N.D.	N.D.
11	3,3'-dimethoxybenzidine	119-90-4	mg/kg	5	30	N.D.	N.D.
12	3,3'-dimethylbenzidine	119-93-7	mg/kg	5	30	N.D.	N.D.
13	4,4'-methylenedi-o-toluidine	838-88-0	mg/kg	5	30	N.D.	N.D.
14	p-cresidine	120-71-8	mg/kg	5	30	N.D.	N.D.
15	4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	mg/kg	5	30	N.D.	N.D.
16	4,4'-oxydianiline	101-80-4	mg/kg	5	30	N.D.	N.D.
17	4,4'-thiodianiline	139-65-1	mg/kg	5	30	N.D.	N.D.
18	o-Toluidine	95-53-4	mg/kg	5	30	N.D.	N.D.
19	2,4-Toluylendiamine	95-80-7	mg/kg	5	30	N.D.	N.D.
20	2,4,5-Trimethylaniline	137-17-7	mg/kg	5	30	N.D.	N.D.
21	o-anisidine	90-04-0	mg/kg	5	30	N.D.	N.D.
22	4-aminoazobenzene ^{#b}	60-09-3	mg/kg	5	30	N.D.	N.D.
Conclusion(s)						PASS	PASS

Item No.	Test Item(s)	CAS No.	Unit	MDL	Limit	Result(s)	
						14 ^R	16
1	4-aminobiphenyl	92-67-1	mg/kg	5	30	N.D.	N.D.
2	benzidine	92-87-5	mg/kg	5	30	N.D.	N.D.
3	4-chloro-o-toluidine	95-69-2	mg/kg	5	30	N.D.	N.D.
4	2-naphthylamine	91-59-8	mg/kg	5	30	N.D.	N.D.
5	o-aminoazotoluene ^{#a}	97-56-3	mg/kg	5	30	N.D.	N.D.
6	5-nitro-o-toluidine ^{#a}	99-55-8	mg/kg	5	30	N.D.	N.D.
7	4-chloroaniline	106-47-8	mg/kg	5	30	N.D.	N.D.
8	4-methoxy-m-phenylenediamine	615-05-4	mg/kg	5	30	N.D.	N.D.
9	4,4'-diaminophenylmethane	101-77-9	mg/kg	5	30	N.D.	N.D.
10	3,3'-dichlorobenzidine	91-94-1	mg/kg	5	30	N.D.	N.D.
11	3,3'-dimethoxybenzidine	119-90-4	mg/kg	5	30	N.D.	N.D.
12	3,3'-dimethylbenzidine	119-93-7	mg/kg	5	30	N.D.	N.D.
13	4,4'-methylenedi-o-toluidine	838-88-0	mg/kg	5	30	N.D.	N.D.
14	p-cresidine	120-71-8	mg/kg	5	30	N.D.	N.D.
15	4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	mg/kg	5	30	N.D.	N.D.
16	4,4'-oxydianiline	101-80-4	mg/kg	5	30	N.D.	N.D.
17	4,4'-thiodianiline	139-65-1	mg/kg	5	30	N.D.	N.D.
18	o-Toluidine	95-53-4	mg/kg	5	30	N.D.	N.D.
19	2,4-Toluylendiamine	95-80-7	mg/kg	5	30	N.D.	N.D.
20	2,4,5-Trimethylaniline	137-17-7	mg/kg	5	30	N.D.	N.D.
21	o-anisidine	90-04-0	mg/kg	5	30	N.D.	N.D.
22	4-aminoazobenzene ^{#b}	60-09-3	mg/kg	5	30	N.D.	N.D.
Conclusion(s)						PASS	PASS

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Note:

1. 1000mg/kg = 0.1%;
2. MDL = Method Detection Limit;
3. N.D. = Not Detected (<MDL);
4. a. The CAS numbers 97-56-3 (No. 5) and 99-55-8 (No. 6) are further reduced to CAS numbers 95-53-4 (No. 18) and 95-80-7 (No. 19).
b. Azo colorants that are able to form 4-aminoazobenzene (No. 22), 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, if aniline (CAS No. 62-53-3) and/or 1,4-phenylenediamine (CAS No. 106-50-3) is detected, 4-aminoazobenzene (No. 22) should be further tested by EN ISO 14632-3 method.
5. For sample(s) 01+02+04, 03+05, 07+103 and 11+13, composite test has been performed as per client's request and the test result is the overall result.

6. Colour Fastness to rubbing

Test Method: ISO 105-X12:2016

<u>Test Item</u>	<u>Limit(Grade)*</u>	<u>Result(s)</u>	<u>Conclusion(s)</u>
		<u>(Grade)</u>	
Colour Fastness to rubbing	Dry: 2-3	Dry: 3-4	PASS
	Wet: 2-3	Wet: 4-5	PASS

<u>Test Item</u>	<u>Limit(Grade)*</u>	<u>Result(s)</u>	<u>Conclusion(s)</u>
		<u>(Grade)</u>	
Colour Fastness to rubbing	Dry: 2-3	Dry: 4	PASS
	Wet: 2-3	Wet: 4-5	PASS

<u>Test Item</u>	<u>Limit(Grade)*</u>	<u>Result(s)</u>	<u>Conclusion(s)</u>
		<u>(Grade)</u>	
Colour Fastness to rubbing	Dry: 2-3	Dry: 4-5	PASS
	Wet: 2-3	Wet: 3-4	PASS

<u>Test Item</u>	<u>Limit(Grade)*</u>	<u>Result(s)</u>	<u>Conclusion(s)</u>
		<u>(Grade)</u>	
Colour Fastness to rubbing	Dry: 2-3	Dry: 4-5	PASS
	Wet: 2-3	Wet: 4-5	PASS

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<u>Test Item</u>	<u>Limit(Grade)*</u>	<u>Result(s)</u> <u>(Grade)</u>	<u>Conclusion(s)</u>
		<u>07</u>	
Colour Fastness to rubbing	Dry: 2-3	Dry: 4	PASS
	Wet: 2-3	Wet: 4	PASS

<u>Test Item</u>	<u>Limit(Grade)*</u>	<u>Result(s)</u> <u>(Grade)</u>	<u>Conclusion(s)</u>
		<u>11</u>	
Colour Fastness to rubbing	Dry: 2-3	Dry: 4-5	PASS
	Wet: 2-3	Wet: 4-5	PASS

<u>Test Item</u>	<u>Limit(Grade)*</u>	<u>Result(s)</u> <u>(Grade)</u>	<u>Conclusion(s)</u>
		<u>13</u>	
Colour Fastness to rubbing	Dry: 2-3	Dry: 4-5	PASS
	Wet: 2-3	Wet: 4-5	PASS

<u>Test Item</u>	<u>Limit(Grade)*</u>	<u>Result(s)</u> <u>(Grade)</u>	<u>Conclusion(s)</u>
		<u>14^R</u>	
Colour Fastness to rubbing	Dry: 2-3	Dry: 4-5	PASS
	Wet: 2-3	Wet: 4-5	PASS

<u>Test Item</u>	<u>Limit(Grade)*</u>	<u>Result(s)</u> <u>(Grade)</u>	<u>Conclusion(s)</u>
		<u>16</u>	
Colour Fastness to rubbing	Dry: 2-3	Dry: 4-5	PASS
	Wet: 2-3	Wet: 4-5	PASS

Note: 1. “*” = According to client's requirement.

Remark:

1. This report replaces the report No.GNBC240511139R1EN, Date: Jun. 28, 2024.

2. “R” = The data comes from data No.01 of report No.GNBC240521136EN.

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Sample Photo(s):

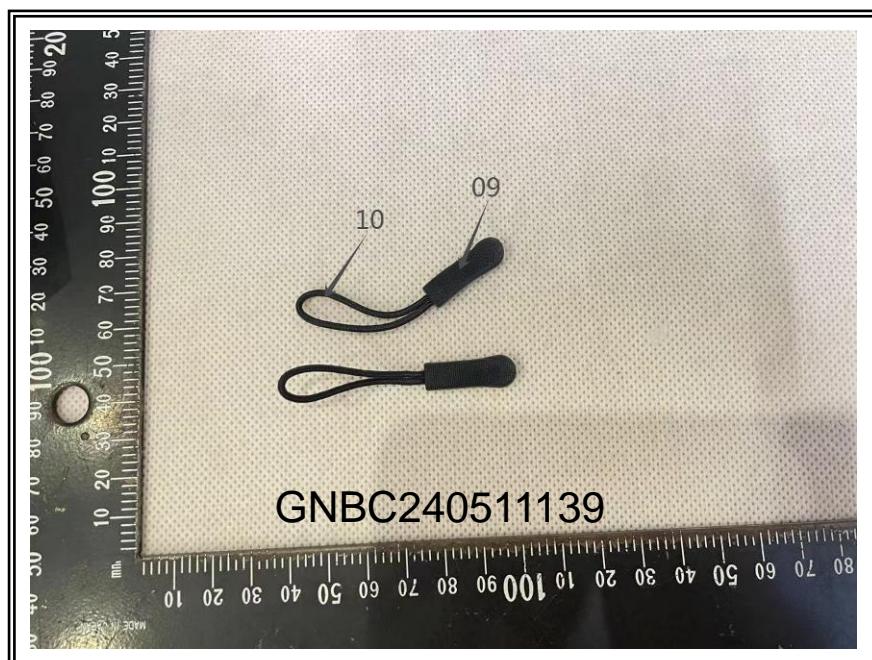
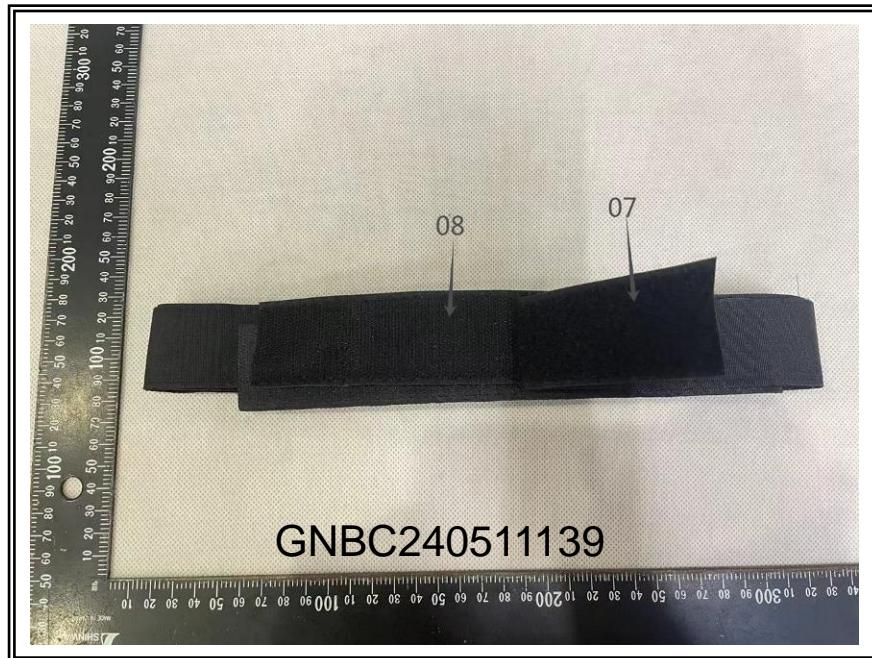
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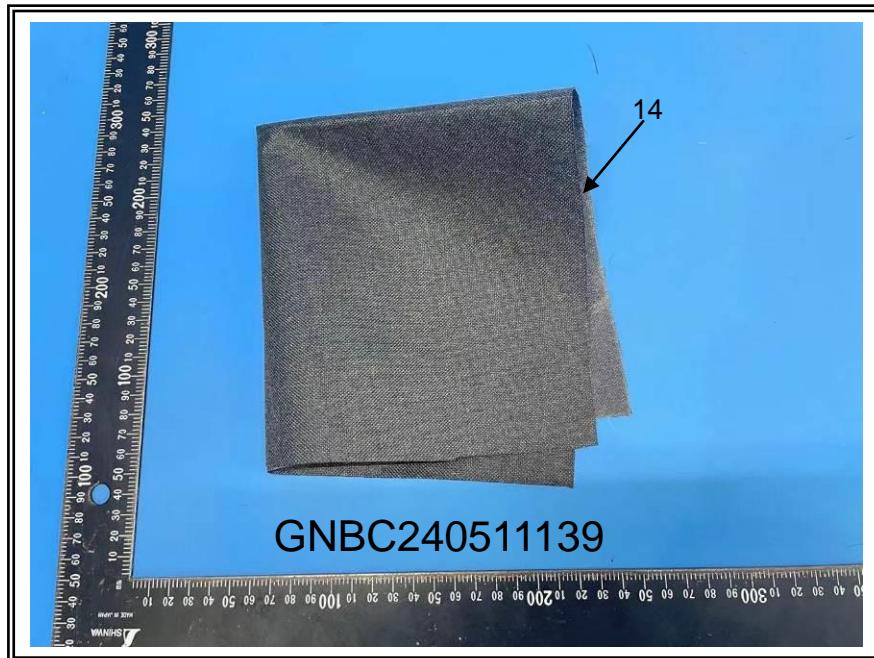
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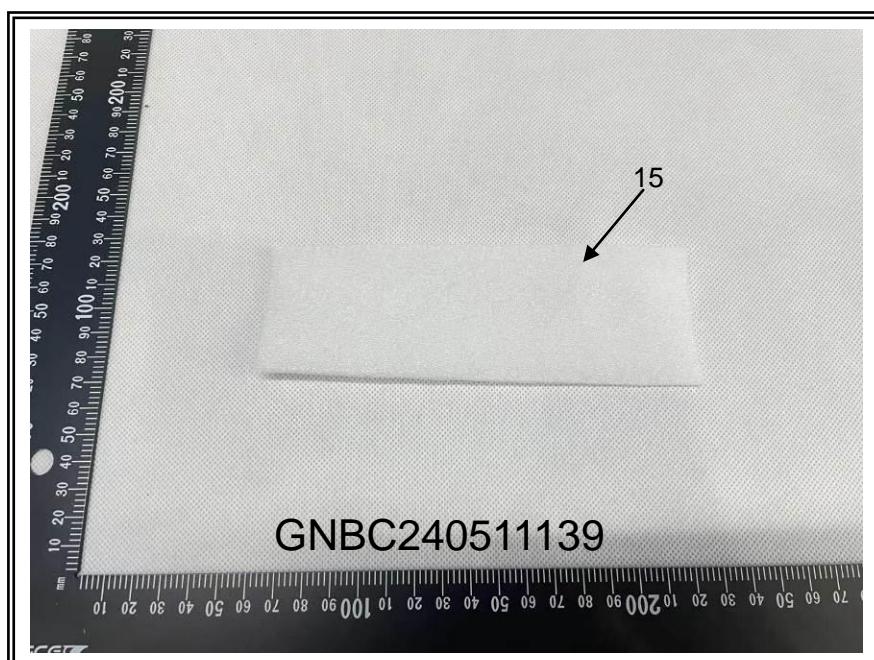
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GIG authenticate the photo(s) on original report only

*****End of Report*******ORIGINAL**

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ANNEX**Below photo(s) were provided by client**

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