

Test Report

Report No.: TS25111604



Verify authenticity

Applicant	Mid Ocean Brands B.V
Address	Unit 711-716,7/F., Tower A,83 King LamStreet,Cheung Sha Wan, Kowloon, Hong Kong
Report Date	2025-12-16

Hangzhou C&K Testing Technic Co., Ltd.



Hangzhou C&K Testing Technic Co., Ltd

Add:1/F,No.4 Building, Huaye Hi-Tech Industrial Park, No.1180, Bin'an Road, Binjiang District, Hangzhou 310052, China
Lab Add: 4/F No.3 and 1/F No.4 Building, Huaye Hi-Tech Industrial Park, No.1180, Bin'an Road, Binjiang District, Hangzhou 310052, China
Hotline:4006-721-723 Tel:+86 571-8720 6535 Fax:+86 571-8990 0719 E-mail:test@cirs-group.com Website:www.cirs-ck.com

Test Report

Applicant	Mid Ocean Brands B.V
Address	Unit 711-716,7/F., Tower A,83 King LamStreet,Cheung Sha Wan, Kowloon, Hong Kong
Sample Name	BACKPACK TROLLET
Type/ Model	MO2985-03
Material/Colour	BLACK
Other Info.	Your vendor code:113098
The sample information included above and test component(s) are provided and confirmed by the applicant	
Sample Received Date	2025-11-28
Test Period	2025-11-28~2025-12-16
Test Requirement	To determine the following items in the submitted sample(s) according to the client's requirement.

Test Item(s)	Test Result(s)
Lead(Pb) Content- Refer to the REACH Annex XVII of Regulation (EC) No 1907/2006 Entry 63	Pass
Cadmium (Cd) Content- Refer to the REACH Annex XVII of Regulation (EC) No 1907/2006 Entry 23	Pass
PAHs Content- Refer to REACH Annex XVII of Regulation (EC) No 1907/2006 Entry 50	Pass
Phthalates Content- Refer to the REACH Annex XVII of Regulation (EC) No 1907/2006 Entry 51&52	Pass
Azo Dyes Content- Refer to the REACH Annex XVII of Regulation (EC) No 1907/2006 Entry 43	Pass
Color Fastness to Rubbing	Pass
Pentachlorophenol (PCP) - Refer to European Regulation Persistent Organic Pollutants (POPs) (EU) 2019/1021 and its amendment	Pass
Formaldehyde- Refer to the REACH Annex XVII of Regulation (EC) No 1907/2006 Entry 77	Pass

Accredited
Signatory by

Zhang Yangyang

Issue Date 2025-12-16

Zhang Yangyang

Hangzhou C&K Testing Technic Co., Ltd

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Test Component(s):

No.	Sample Serial No.	Test Component(s)	Type/Model	Material/Colour	Other Info.
001	TS25111604001	Black Metal Zipper Puller+Black Metal Zipper Slider+Metal Pad(bottom)	/	/	/
002	TS25111604002	Silver Metal Spindle+Silver Metal Trolley Pole+Silver Metal Lock (on Trolley Pole)	/	/	/
003	TS25111604003	Black Metal Inner Trolley +Silver Inside Metal Screw +Black Metal Screw (on Trolley Handle)	/	/	/
004	TS25111604004	Black Metal Inner Zipper Puller+Black Metal Inner Zipper Slider	/	/	/
005	TS25111604005	Black Body Fabric	/	/	/
006	TS25111604006	Black Binding Fabric+Black Webbing	/	/	/
007	TS25111604007	Black Mesh Fabric+Black Inner Fabric (side pocket) +Black Elastic Band	/	/	/
008	TS25111604008	Black Mesh Handle+Lining fabric+Black Zipper Fabric	/	/	/
009	TS25111604009	Inner Black Zipper Fabric +Black Fabric Handle	/	/	/
010	TS25111604010	Black Velcro(Hook Side) +Black Velcro(Loop Side)	/	/	/
011	TS25111604011	Black Plastic Zipper Teeth +Black Plastic Wheel Holder +Black Plastic holder(bottom)	/	/	/
012	TS25111604012	Black plastic inner wheel hub +Black Soft Plastic Wheel +Black Plastic buckle	/	/	/
013	TS25111604013	Silver Plastic Sheet Insulation Material+Black Trolley handle on top+Silver Plastic Tube connector plastic	/	/	/
014	TS25111604014	Black Plastic Board Inner Shell+Black Plastic Trolley top base Inside+Black Plastic Trolley Bottom Base Inside	/	/	/
015	TS25111604015	Black Plastic Button (on Trolley Handle) +Inner Black Plastic Zipper Teeth	/	/	/
016	TS25111604016	Black Fabric With Plastic Backing	/	/	/
017	TS25111604017	Inside white foam (Inner compartment)+Inside white foam (on shoulder strap)	/	/	/
018	TS25111604018	Black Binding Fabric	/	/	/

Hangzhou C&K Testing Technic Co., Ltd

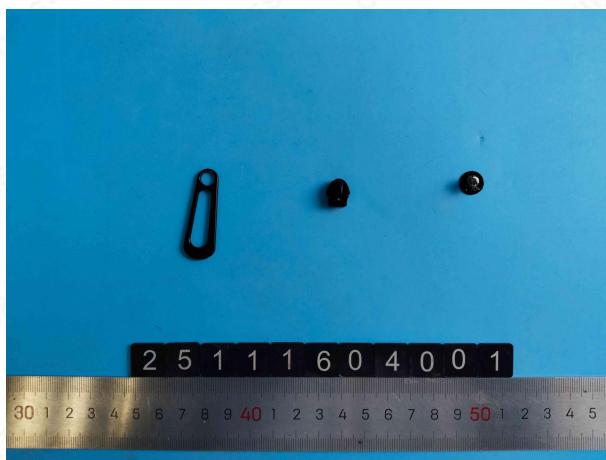
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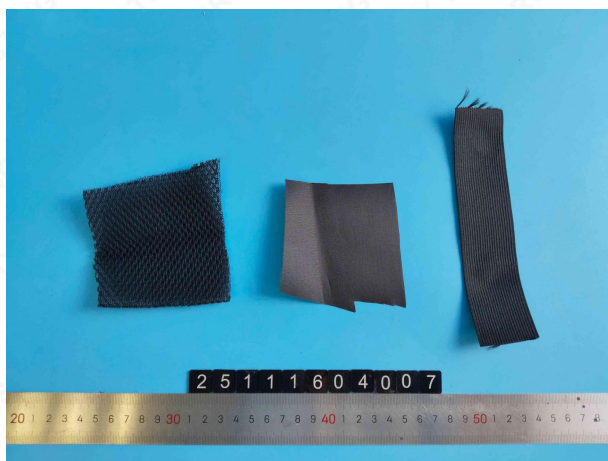
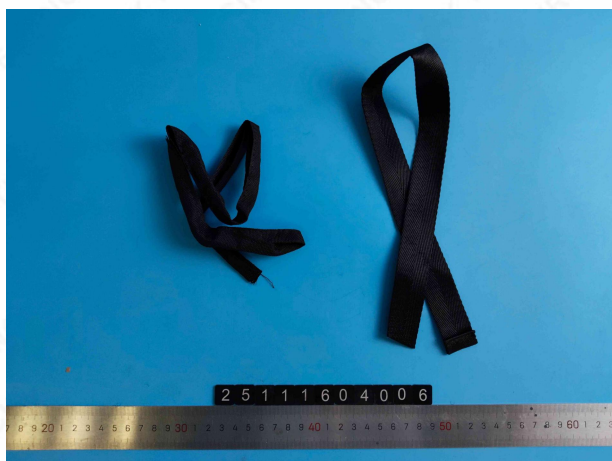
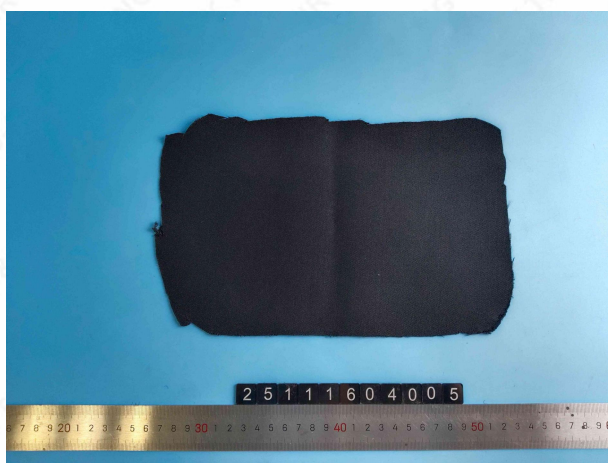
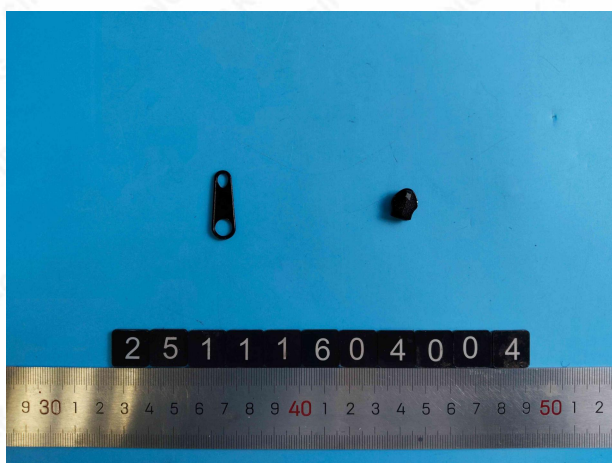
Lab Add: 4/F No.3 and 1/F No.4 Building, Huaye Hi-Tech Industrial Park, No.1180, Bin'an Road, Binjiang District, Hangzhou 310052, China

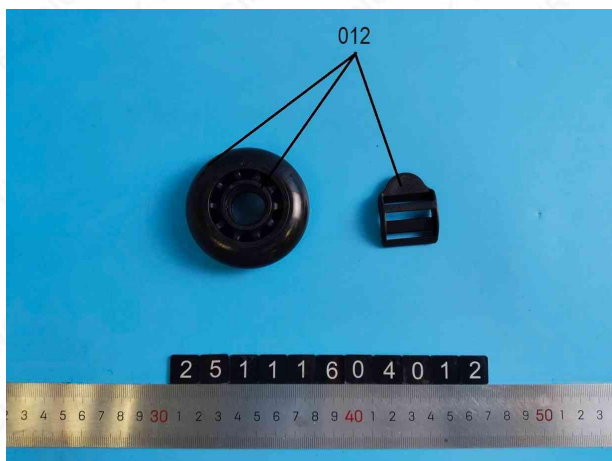
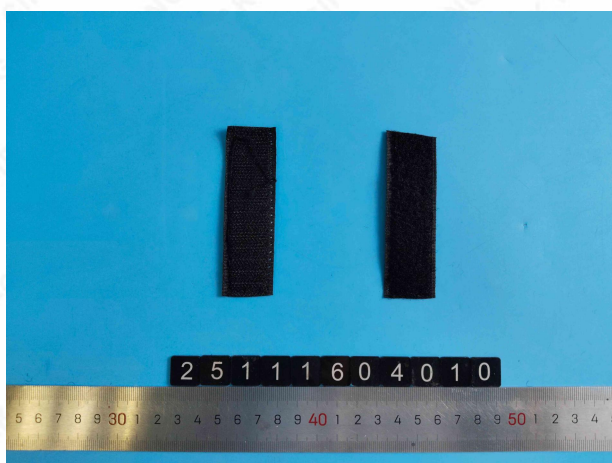
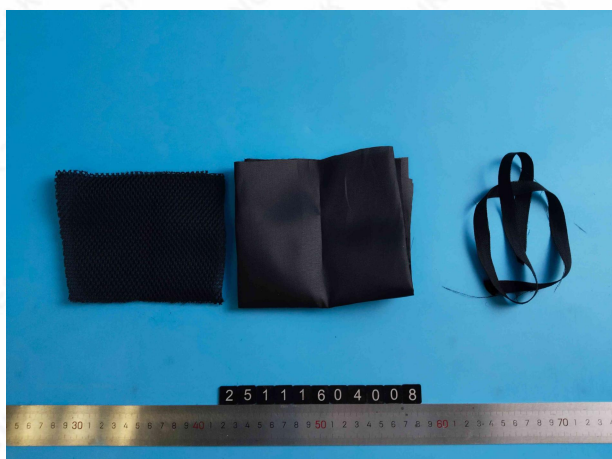
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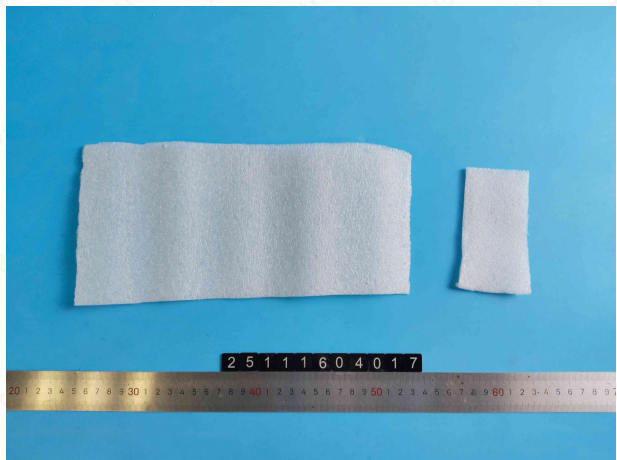
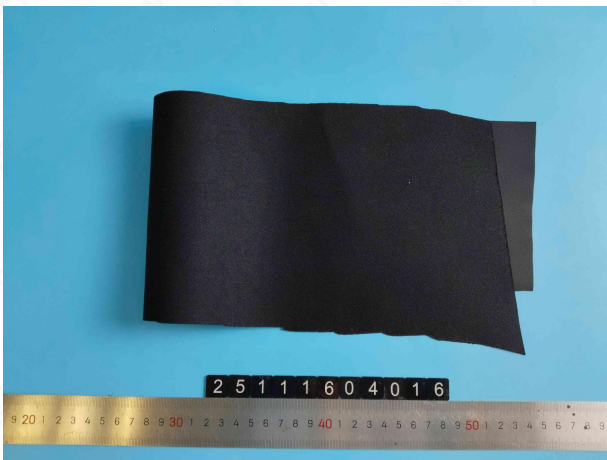
No.	Sample Serial No.	Test Component(s)	Type/Model	Material/Colour	Other Info.
019	TS25111604019	Black Webbing	/	/	/
020	TS25111604020	Black Mesh Fabric	/	/	/
021	TS25111604021	Black Inner Fabric (side pocket)	/	/	/
022	TS25111604022	Black Elastic Band	/	/	/
023	TS25111604023	Black Mesh Handle	/	/	/
024	TS25111604024	Lining fabric	/	/	/
025	TS25111604025	Black Zipper Fabric	/	/	/
026	TS25111604026	Inner Black Zipper Fabric	/	/	/
027	TS25111604027	Black Fabric Handle	/	/	/
028	TS25111604028	MDF Material	/	/	/

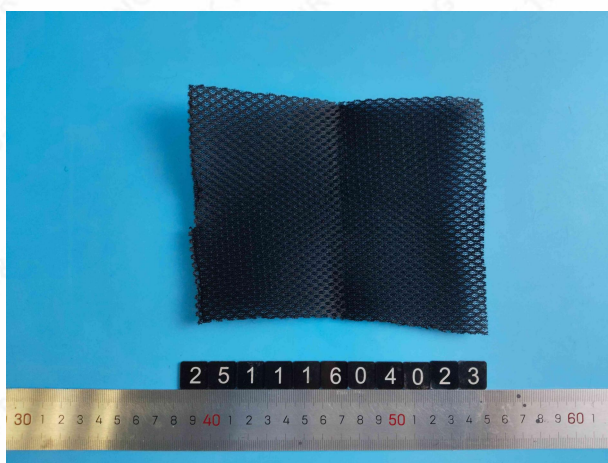
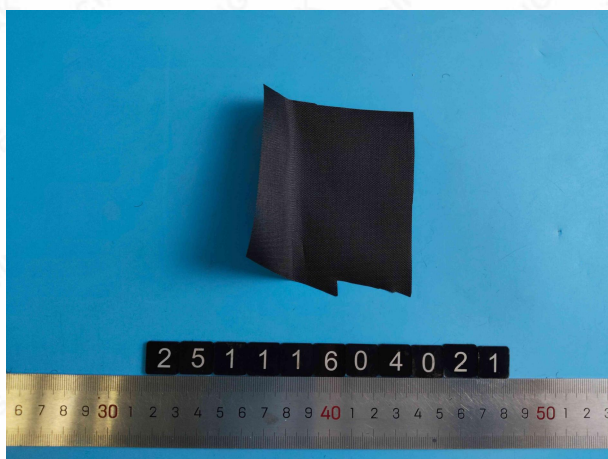
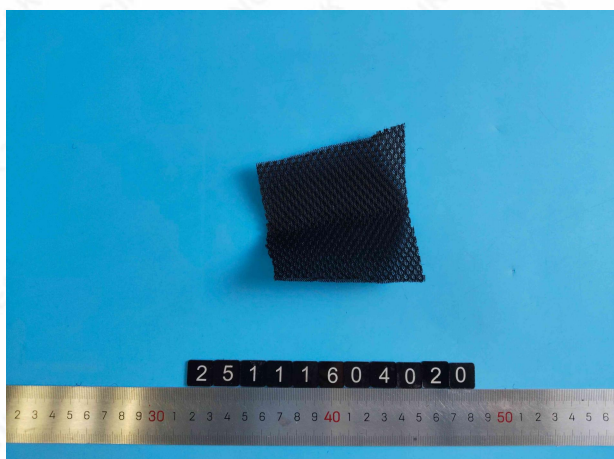
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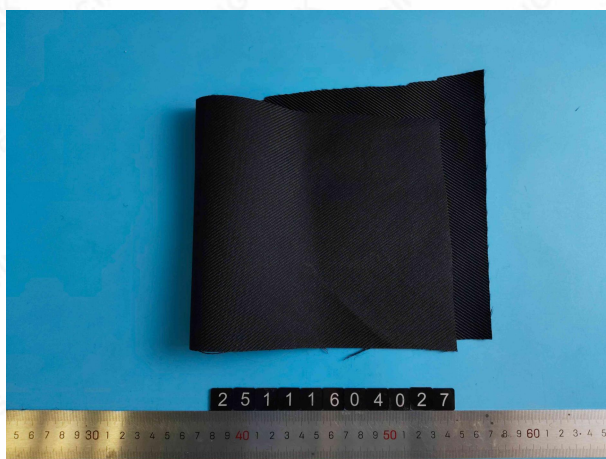












**Test Result(s):
Lead (Pb) Content**

Test Item(s)	Test method	Requirement	MDL	Unit	Test Result(s)			
					001	002	003	004
Lead (Pb)	EPA 3050B:1996; EPA 6010D:2018	<500	5	mg/kg	N.D.	N.D.	N.D.	N.D.

Test Item(s)	Test method	Requirement	MDL	Unit	Test Result(s)			
					005	006	007	008
Lead (Pb)	EPA 3052:1996; EPA 6010D:2018	<500	5	mg/kg	N.D.	N.D.	N.D.	N.D.

Test Item(s)	Test method	Requirement	MDL	Unit	Test Result(s)			
					009	010	011	012
Lead (Pb)	EPA 3052:1996; EPA 6010D:2018	<500	5	mg/kg	N.D.	N.D.	N.D.	N.D.

Test Item(s)	Test method	Requirement	MDL	Unit	Test Result(s)			
					013	014	015	016
Lead (Pb)	EPA 3052:1996; EPA 6010D:2018	<500	5	mg/kg	N.D.	N.D.	30	N.D.

Test Item(s)	Test method	Requirement	MDL	Unit	Test Result(s)			
					028			
Lead (Pb)	EPA 3052:1996; EPA 6010D:2018	<500	5	mg/kg	N.D.			

Remark:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)

Cadmium (Cd) Content

Test Item(s)	Test method	Requirement	MDL	Unit	Test Result(s)			
					001	002	003	004
Cadmium (Cd)	EPA 3050B:1996; EPA 6010D:2018	<100	5	mg/kg	N.D.	N.D.	N.D.	N.D.

Test Item(s)	Test method	Requirement	MDL	Unit	Test Result(s)			
					010	011	012	013
Cadmium (Cd)	EN 1122:2001	<100	5	mg/kg	N.D.	N.D.	N.D.	N.D.

Test Item(s)	Test method	Requirement	MDL	Unit	Test Result(s)			
					014	015	016	017
Cadmium (Cd)	EN 1122:2001	<100	5	mg/kg	N.D.	N.D.	N.D.	N.D.

Remark:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)

PAHs Content

Test Method: AŕPS GS 2019:01 PAK

Test Item(s)	CAS No.	Requirement	MDL	Unit	Test Result(s)			
					010	011	012	013
Benzo (a) anthracene (BaA)	56-55-3	≤1	0.2	mg/kg	N.D.	N.D.	N.D.	N.D.
Benzo (a) pyrene (BaP)	50-32-8	≤1	0.2	mg/kg	N.D.	N.D.	N.D.	N.D.
Benzo (b) fluoranthene (BbF)	205-99-2	≤1	0.2	mg/kg	N.D.	N.D.	N.D.	N.D.
Benzo (e) pyrene (BeP)	192-97-2	≤1	0.2	mg/kg	N.D.	N.D.	N.D.	N.D.
Benzo (j) fluoranthene (BjF)	205-82-3	≤1	0.2	mg/kg	N.D.	N.D.	N.D.	N.D.
Benzo (k) fluoranthene (BkF)	207-08-9	≤1	0.2	mg/kg	N.D.	N.D.	N.D.	N.D.
Dibenzo (a,h) anthracene (DBA)	53-70-3	≤1	0.2	mg/kg	N.D.	N.D.	N.D.	N.D.
Chrysene (CHR)	218-01-9	≤1	0.2	mg/kg	N.D.	N.D.	N.D.	N.D.

Test Item(s)	CAS No.	Requirement	MDL	Unit	Test Result(s)		
					014	015	016
Benzo (a) anthracene (BaA)	56-55-3	≤1	0.2	mg/kg	N.D.	N.D.	N.D.
Benzo (a) pyrene (BaP)	50-32-8	≤1	0.2	mg/kg	N.D.	N.D.	N.D.
Benzo (b) fluoranthene (BbF)	205-99-2	≤1	0.2	mg/kg	N.D.	N.D.	N.D.
Benzo (e) pyrene (BeP)	192-97-2	≤1	0.2	mg/kg	N.D.	N.D.	N.D.
Benzo (j) fluoranthene (BjF)	205-82-3	≤1	0.2	mg/kg	N.D.	N.D.	N.D.
Benzo (k) fluoranthene (BkF)	207-08-9	≤1	0.2	mg/kg	N.D.	N.D.	N.D.
Dibenzo (a,h) anthracene (DBA)	53-70-3	≤1	0.2	mg/kg	N.D.	N.D.	N.D.
Chrysene (CHR)	218-01-9	≤1	0.2	mg/kg	N.D.	N.D.	N.D.

Remark:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)

Phthalates Content

Test method: EN 14372:2004

Test Item(s)	CAS No.	Requirement	MDL	Unit	Test Result(s)			
					010	011	012	013
Di-isobutyl phthalate (DIBP)*	84-69-5	/	0.001	%	N.D.	N.D.	N.D.	N.D.
Di-butyl phthalate(DBP)	84-74-2	/	0.001	%	N.D.	N.D.	N.D.	N.D.
Butyl benzyl phthalate (BBP)	85-68-7	/	0.001	%	N.D.	N.D.	N.D.	N.D.
Di-(2-ethylhexyl)phthalate (DEHP)	117-81-7	/	0.001	%	N.D.	N.D.	N.D.	0.002
SUM (DIBP*+DBP+BBP+DEHP)	/	<0.1	0.004	%	N.D.	N.D.	N.D.	N.D.
Di-n-octyl phthalate(DNOP)	117-84-0	/	0.001	%	N.D.	N.D.	N.D.	N.D.
Di-isononyl phthalate (DINP)	28553-12-0	/	0.005	%	N.D.	N.D.	N.D.	N.D.
Di-iso-decyl phthalate (DIDP)	26761-40-0	/	0.005	%	N.D.	N.D.	N.D.	N.D.
SUM (DNOP+DINP+DIDP)	/	<0.1	0.011	%	N.D.	N.D.	N.D.	N.D.

Test Item(s)	CAS No.	Requirement	MDL	Unit	Test Result(s)			
					014	015	016	017
Di-isobutyl phthalate (DIBP)*	84-69-5	/	0.001	%	N.D.	N.D.	N.D.	N.D.
Di-butyl phthalate(DBP)	84-74-2	/	0.001	%	N.D.	N.D.	N.D.	N.D.
Butyl benzyl phthalate (BBP)	85-68-7	/	0.001	%	N.D.	N.D.	N.D.	N.D.
Di-(2-ethylhexyl)phthalate (DEHP)	117-81-7	/	0.001	%	0.002	0.002	N.D.	N.D.
SUM (DIBP*+DBP+BBP+DEHP)	/	<0.1	0.004	%	N.D.	N.D.	N.D.	N.D.
Di-n-octyl phthalate(DNOP)	117-84-0	/	0.001	%	N.D.	N.D.	N.D.	N.D.
Di-isononyl phthalate (DINP)	28553-12-0	/	0.005	%	N.D.	N.D.	N.D.	N.D.
Di-iso-decyl phthalate (DIDP)	26761-40-0	/	0.005	%	N.D.	N.D.	N.D.	N.D.
SUM (DNOP+DINP+DIDP)	/	<0.1	0.011	%	N.D.	N.D.	N.D.	N.D.

Remark:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)
- 2.*: Test items are tested with reference to the corresponding methods.

Azo Dyes Content

Test method: ISO 14362-1:2017

Test Item(s)	CAS No.	Requirement	MDL	Unit	Test Result(s)		
					005	006	007
2,4,5-Trimethylaniline	137-17-7	≤30	5	mg/kg	N.D.	N.D.	N.D.
2,4-Diaminoanisole	615-05-4	≤30	5	mg/kg	N.D.	N.D.	N.D.
2,4-Toluylenediamine	95-80-7	≤30	5	mg/kg	N.D.	N.D.	N.D.
P-Cresidine	120-71-8	≤30	5	mg/kg	N.D.	N.D.	N.D.
2-Naphthylamine	91-59-8	≤30	5	mg/kg	N.D.	N.D.	N.D.
4,4'-Methylenedi-O-Toluidine	838-88-0	≤30	5	mg/kg	N.D.	N.D.	N.D.
3,3'-Dimethylbenzidine	119-93-7	≤30	5	mg/kg	N.D.	N.D.	N.D.
3,3'-Dimethoxybenzidine	119-90-4	≤30	5	mg/kg	N.D.	N.D.	N.D.
3,3'-Dichlorobenzidine	91-94-1	≤30	5	mg/kg	N.D.	N.D.	N.D.
4,4'-Diaminodiphenylmethane	101-77-9	≤30	5	mg/kg	N.D.	N.D.	N.D.
4,4'-Thiodianiline	139-65-1	≤30	5	mg/kg	N.D.	N.D.	N.D.
4,4'-Oxydianiline	101-80-4	≤30	5	mg/kg	N.D.	N.D.	N.D.
4,4'-Methylene-Bis- (2-Chloro-Aniline)	101-14-4	≤30	5	mg/kg	N.D.	N.D.	N.D.
4-Aminobiphenyl	92-67-1	≤30	5	mg/kg	N.D.	N.D.	N.D.
4-Aminoazobenzene	60-09-3	≤30	5	mg/kg	N.D.	N.D.	N.D.
4-Chloro-O-Toluidine	95-69-2	≤30	5	mg/kg	N.D.	N.D.	N.D.
5-Nitro-o-Toluidine	99-55-8	≤30	5	mg/kg	N.D.	N.D.	N.D.
4-Chloroaniline	106-47-8	≤30	5	mg/kg	N.D.	N.D.	N.D.
Benzidine	92-87-5	≤30	5	mg/kg	N.D.	N.D.	N.D.
O-anisidine	90-04-0	≤30	5	mg/kg	N.D.	N.D.	N.D.
O-aminoazotoluene	97-56-3	≤30	5	mg/kg	N.D.	N.D.	N.D.
O-toluidine	95-53-4	≤30	5	mg/kg	N.D.	N.D.	N.D.

Remark:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)
2. Testing equipment: GC-MS
3. Quantitative method: internal standard method

Azo Dyes Content

Test method: ISO 14362-1:2017

Test Item(s)	CAS No.	Requirement	MDL	Unit	Test Result(s)		
					008	009	016
2,4,5-Trimethylaniline	137-17-7	≤30	5	mg/kg	N.D.	N.D.	N.D.
2,4-Diaminoanisole	615-05-4	≤30	5	mg/kg	N.D.	N.D.	N.D.
2,4-Toluylenediamine	95-80-7	≤30	5	mg/kg	N.D.	N.D.	N.D.
P-Cresidine	120-71-8	≤30	5	mg/kg	N.D.	N.D.	N.D.
2-Naphthylamine	91-59-8	≤30	5	mg/kg	N.D.	N.D.	N.D.
4,4'-Methylenedi-O-Toluidine	838-88-0	≤30	5	mg/kg	N.D.	N.D.	N.D.
3,3'-Dimethylbenzidine	119-93-7	≤30	5	mg/kg	N.D.	N.D.	N.D.
3,3'-Dimethoxybenzidine	119-90-4	≤30	5	mg/kg	N.D.	N.D.	N.D.
3,3'-Dichlorobenzidine	91-94-1	≤30	5	mg/kg	N.D.	N.D.	N.D.
4,4'-Diaminodiphenylmethane	101-77-9	≤30	5	mg/kg	N.D.	N.D.	N.D.
4,4'-Thiodianiline	139-65-1	≤30	5	mg/kg	N.D.	N.D.	N.D.
4,4'-Oxydianiline	101-80-4	≤30	5	mg/kg	N.D.	N.D.	N.D.
4,4'-Methylene-Bis- (2-Chloro-Aniline)	101-14-4	≤30	5	mg/kg	N.D.	N.D.	N.D.
4-Aminobiphenyl	92-67-1	≤30	5	mg/kg	N.D.	N.D.	N.D.
4-Aminoazobenzene	60-09-3	≤30	5	mg/kg	N.D.	N.D.	N.D.
4-Chloro-O-Toluidine	95-69-2	≤30	5	mg/kg	N.D.	N.D.	N.D.
5-Nitro-o-Toluidine	99-55-8	≤30	5	mg/kg	N.D.	N.D.	N.D.
4-Chloroaniline	106-47-8	≤30	5	mg/kg	N.D.	N.D.	N.D.
Benzidine	92-87-5	≤30	5	mg/kg	N.D.	N.D.	N.D.
O-anisidine	90-04-0	≤30	5	mg/kg	N.D.	N.D.	N.D.
O-aminoazotoluene	97-56-3	≤30	5	mg/kg	N.D.	N.D.	N.D.
O-toluidine	95-53-4	≤30	5	mg/kg	N.D.	N.D.	N.D.

Remark:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)
2. Testing equipment: GC-MS
3. Quantitative method: internal standard method

Color Fastness to Rubbing

Test Item(s)		Test method	Requirement	Unit	Test Result(s)		
					005	016	018
Color Fastness to Rubbing	Dry	EN ISO 105-X12:2016	$\geq 2-3$	Grade	4-5	4-5	4-5
	Wet		$\geq 2-3$	Grade	4-5	4-5	4-5

Test Item(s)		Test method	Requirement	Unit	Test Result(s)		
					019	020	021
Color Fastness to Rubbing	Dry	EN ISO 105-X12:2016	$\geq 2-3$	Grade	4	4-5	4-5
	Wet		$\geq 2-3$	Grade	4-5	4-5	4-5

Test Item(s)		Test method	Requirement	Unit	Test Result(s)		
					022	023	024
Color Fastness to Rubbing	Dry	EN ISO 105-X12:2016	$\geq 2-3$	Grade	4	4-5	4-5
	Wet		$\geq 2-3$	Grade	4-5	4-5	4-5

Test Item(s)		Test method	Requirement	Unit	Test Result(s)		
					025	026	027
Color Fastness to Rubbing	Dry	EN ISO 105-X12:2016	$\geq 2-3$	Grade	4-5	4-5	4-5
	Wet		$\geq 2-3$	Grade	4-5	4-5	4-5

Remark:

1. Grade 1– The Worst, Grade 3- Middle Grade, Grade 5– The Best
2. Source Light: D65

Pentachlorophenol (PCP)

Test Item(s)	Test method	Requirement	MDL	Unit	Test Result(s)
					028
Pentachlorophenol (PCP)	GB/T 18414.1-2006	≤ 5	0.05	mg/kg	N.D.

Remark:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)

Formaldehyde

Test Item(s)	Test method	Requirement	MDL	Unit	Test Result(s)
					028
Formaldehyde	Refer to EN 717-1:2004, analysis was performed by UV-Vis.	≤ 0.080	0.01	mg/m ³	0.05

Remark:

1. MDL = Method Detection Limit

Statement:

- I This report is invalid without the signature of accredited signatory. Any alteration to this report is also invalid.
- II This report is invalid without the special seal of inspection & testing.
- III This report shall not be part copy without written approval of Hangzhou C&K Testing Technic Co., Ltd..
- IV This report is only for scientific research, teaching, internal quality control of enterprises, etc without the seal of China Metrology Accreditation.
- V The representativeness and authenticity of the samples are the responsibility of the applicant.
- VI Please contact to Hangzhou C&K Testing Technic Co., Ltd. within fifteen working days upon receipt of this report if there is any objection.
- VII The quantity of the sample does not meet the requirements of retest and arbitration, it shall be regarded as the customer waiving the right of retest and arbitration.
- VIII Hangzhou C&K Testing Technic Co., Ltd. guarantee that we shall not disclose information such as the commercial information, technical documents or test report to any third party.
- IX The applicant should undertake the legal responsibility that result from providing untruth information.

The end of report