

Test Report

Report No.: TS25111612



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	2025-12-08

Hangzhou C&K Testing Technic Co., Ltd.



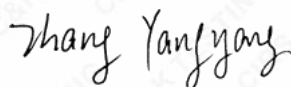
Hangzhou C&K Testing Technic Co., Ltd

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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	ABS TROLLEY CASE
Type/ Model	MO9178, MO2341
Material/Colour	/
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	2025-11-28~2025-12-08
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

Accredited
Signatory by

Zhang Yangyang

Issue Date

2025-12-08

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

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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 Component(s):

No.	Sample Serial No.	Test Component(s)	Type/Model	Material/Colour	Other Info.
001	TS25111612001	Silver Paint (on Handle) +Silver Paint (on Handle)	/	/	/
002	TS25111612002	Black Plastic Trolley Handle +Black Plastic Handle+Black Plastic Trolley Handle Base	/	/	/
003	TS25111612003	Black Plastic Zipper Teeth +Grey Plastic Buckle+ Grey Lining Zipper Teeth	/	/	/
004	TS25111612004	Black Plastic Lock+Gear Plastic With White Print (Lock)	/	/	/
005	TS25111612005	Black Plastic Wheel Holder +Black Plastic Wheel Core +Black Plastic Wheel Support	/	/	/
006	TS25111612006	Black Soft Plastic Wheel +Black Soft Plastic Handle +Black Soft Plastic Binding	/	/	/
007	TS25111612007	Black Plastic Base+Black Plastic Tube Connector Plastic	/	/	/
008	TS25111612008	Grey Elastic Band	/	/	/
009	TS25111612009	Inside foam+Grey adhesive tape	/	/	/
010	TS25111612010	Green Plastic Cover 20'+ Green Plastic Front Cover 20'	/	/	/
011	TS25111612011	Dark Navy Plastic Cover 15'+ Blue Plastic cover 15'	/	/	/
012	TS25111612012	Black Zipper Fabric+Grey Lining+Grey Lining Zipper Fabric	/	/	/
013	TS25111612013	Grey Lining Mesh Fabric+ Grey binding fabric+Black Piping fabric	/	/	/
014	TS25111612014	Silver Metal Screw (on Trolley Pole)+Silver Metal Trolley Pole+Silver Metal Switch	/	/	/
015	TS25111612015	Silver Metal Pad(bottom) +Black Screw Inside+Black Cylinder	/	/	/
016	TS25111612016	Silver Metal Screw (on Trolley Pole) 15'+Silver Metal Zipper Puller (Small) +Silver Metal Zipper Slider (Small)	/	/	/
017	TS25111612017	Silver Metal Zipper Slider (Big)+Silver Metal Zipper Puller (Big)+Silver Metal Badge	/	/	/

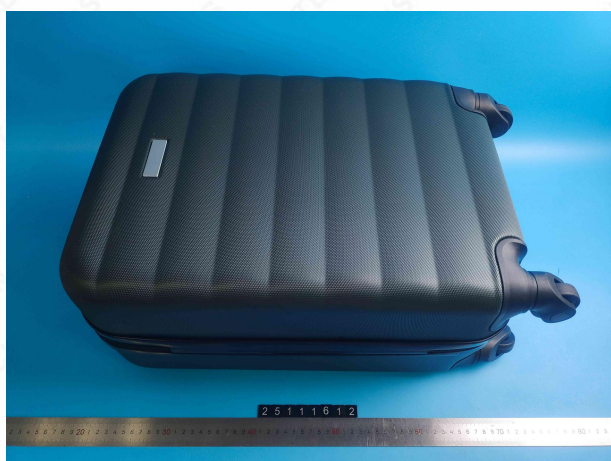
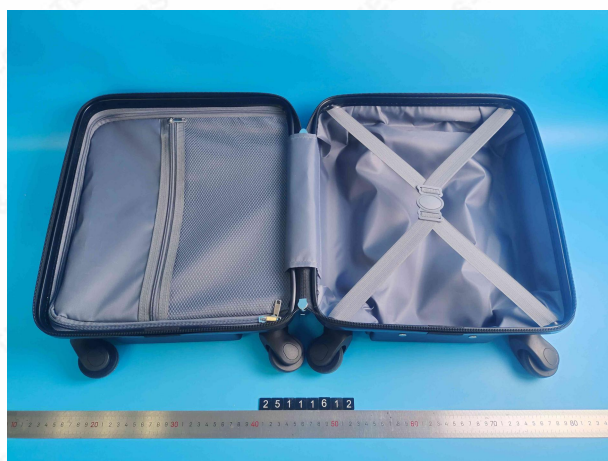
No.	Sample Serial No.	Test Component(s)	Type/Model	Material/Colour	Other Info.
018	TS25111612018	Black Metal Badge	/	/	/
019	TS25111612019	Black Zipper Fabric	/	/	/
020	TS25111612020	Grey Lining	/	/	/
021	TS25111612021	Grey Lining Mesh Fabric	/	/	/
022	TS25111612022	Grey Lining Zipper Fabric	/	/	/
023	TS25111612023	Grey binding fabric	/	/	/
024	TS25111612024	Black Piping fabric	/	/	/

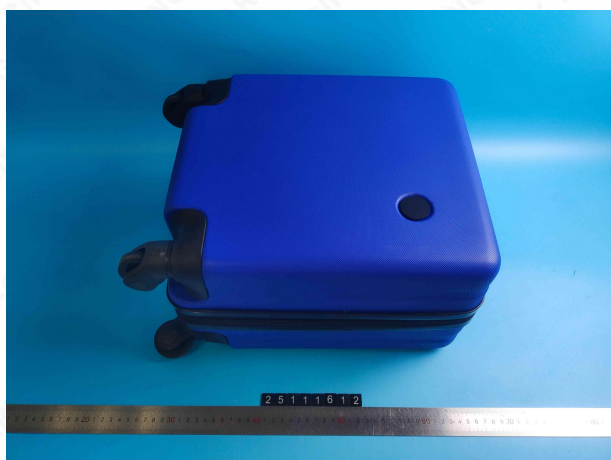
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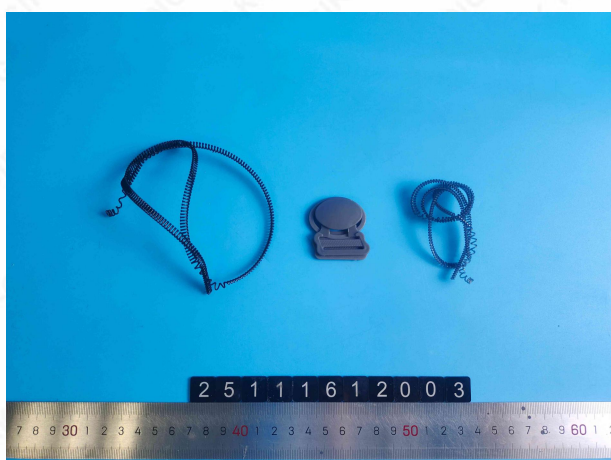


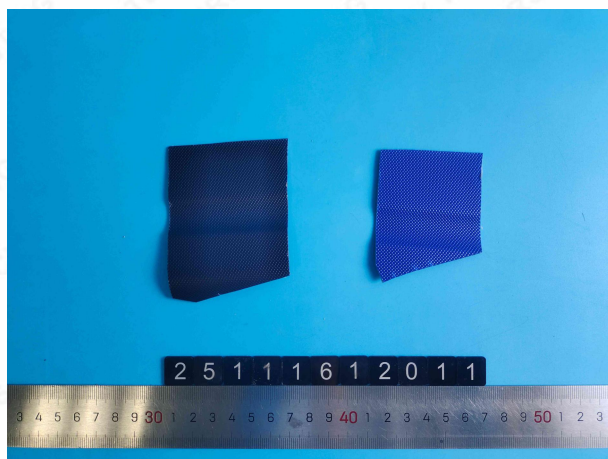
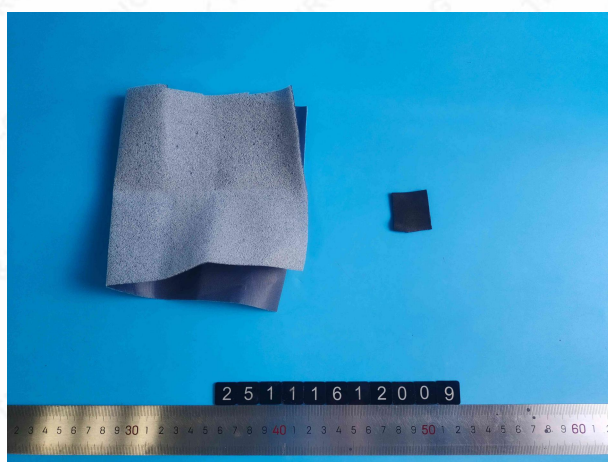


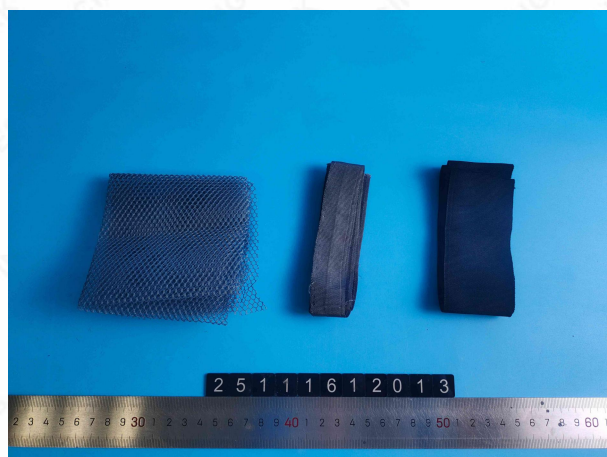
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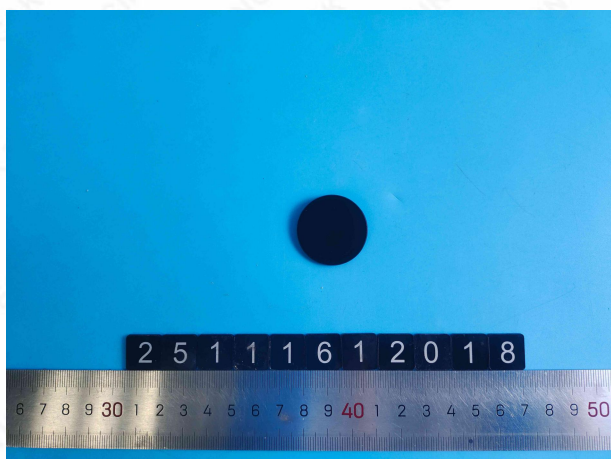














**Test Result(s):
Lead (Pb) Content**

Test Item(s)	Test method	Requirement	MDL	Unit	Test Result(s)			
					001	002	003	004
Lead (Pb)	EPA 3052:1996; EPA 6010D:2018	<500	5	mg/kg	N.D.	N.D.	N.D.	23

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	32	N.D.	22	N.D.

Test Item(s)	Test method	Requirement	MDL	Unit	Test Result(s)				
					009	010	011	012	013
Lead (Pb)	EPA 3052:1996; EPA 6010D:2018	<500	5	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.

Test Item(s)	Test method	Requirement	MDL	Unit	Test Result(s)				
					014	015	016	017	018
Lead (Pb)	EPA 3050B:1996; EPA 6010D:2018	<500	5	mg/kg	N.D.	N.D.	N.D.	N.D.	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)	EN 1122:2001	<100	5	mg/kg	N.D.	N.D.	N.D.	16

Test Item(s)	Test method	Requirement	MDL	Unit	Test Result(s)			
					005	006	007	008
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)		
					009	010	011
Cadmium (Cd)	EN 1122:2001	<100	5	mg/kg	N.D.	N.D.	N.D.

Test Item(s)	Test method	Requirement	MDL	Unit	Test Result(s)		
					014	015	016
Cadmium (Cd)	EPA 3050B:1996; EPA 6010D:2018	<100	5	mg/kg	N.D.	N.D.	N.D.

Test Item(s)	Test method	Requirement	MDL	Unit	Test Result(s)	
					017	018
Cadmium (Cd)	EPA 3050B:1996; EPA 6010D:2018	<100	5	mg/kg	N.D.	N.D.

Remark:

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

PAHs Content

Test Method: AfPS GS 2019:01 PAK

Test Item(s)	CAS No.	Requirement	MDL	Unit	Test Result(s)			
					001	002	003	004
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)			
					005	006	007	008
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.

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)		
					009	010	011
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)		
					001	002	003
Di-isobutyl phthalate (DIBP)*	84-69-5	/	0.001	%	N.D.	N.D.	N.D.
Di-butyl phthalate (DBP)	84-74-2	/	0.001	%	N.D.	N.D.	N.D.
Butyl benzyl phthalate (BBP)	85-68-7	/	0.001	%	N.D.	N.D.	N.D.
Di-(2-ethylhexyl)phthalate (DEHP)	117-81-7	/	0.001	%	N.D.	N.D.	N.D.
SUM (DIBP*+DBP+BBP+DEHP)	/	<0.1	0.004	%	N.D.	N.D.	N.D.
Di-n-octyl phthalate (DNOP)	117-84-0	/	0.001	%	N.D.	N.D.	N.D.
Di-isononyl phthalate (DINP)	28553-12-0	/	0.005	%	N.D.	N.D.	N.D.
Di-iso-decyl phthalate (DIDP)	26761-40-0	/	0.005	%	N.D.	N.D.	N.D.
SUM (DNOP+DINP+DIDP)	/	<0.1	0.011	%	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.

Phthalates Content

Test method: EN 14372:2004

Test Item(s)	CAS No.	Requirement	MDL	Unit	Test Result(s)			
					004	005	006	007
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	%	0.002	N.D.	N.D.	0.002
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	%	0.003	0.006	N.D.	0.026
SUM (DIBP*+DBP+BBP+DEHP)	/	<0.1	0.004	%	0.005	0.006	N.D.	0.028
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.	0.014
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.	0.014

Test Item(s)	CAS No.	Requirement	MDL	Unit	Test Result(s)			
					008	009	010	011
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.	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)		
					008	012	013
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)			
					008	019	020	021
Color Fastness to Rubbing	Dry	EN ISO 105-X12:2016	$\geq 2-3$	Grade	4-5	4-5	4-5	4-5
	Wet		$\geq 2-3$	Grade	4-5	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	4-5	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

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