

Test Report

Report No.: TS25110199



Verify authenticity

Applicant	Mid Ocean Brands B.V
Address	Unit 711-716, 7/F., Tower A, 83 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong
Report Date	2025-11-13

Hangzhou C&K Testing Technic Co., Ltd.



Hangzhou C&K Testing Technic Co., Ltd

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Test Report

Applicant	Mid Ocean Brands B.V
Address	Unit 711-716, 7/F., Tower A, 83 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong
Sample Name	18 INCH HARD TROLLEY
Type/ Model	MO2927
Material/Colour	black
Other Info.	/
The sample information included above and test component(s) are provided and confirmed by the applicant	
Sample Received Date	2025-11-04
Test Period	2025-11-04~2025-11-13
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

Prepared by: Meng Qi Reviewed by: Li Xuefeng Accredited Signatory by: Zhang Yangyang

Meng Qi Li Xuefeng Zhang Yangyang

Issue date: 2025-11-13

Test Component(s):

No.	Sample Serial No.	Test Component(s)	Type/Model	Material/Colour	Other Info.
001	TS25110199001	Black Plastic Front Cover	/	/	/
002	TS25110199002	Black Soft Plastic Binding	/	/	/
003	TS25110199003	Black Plastic Lock+Gear Plastic With White Print (Lock)+Black Plastic Zipper Teeth (Main case)	/	/	/
004	TS25110199004	Black Zipper Fabric (Main case)+Piping Fabric+Black Zipper Fabric (Lining)	/	/	/
005	TS25110199005	Black Plastic Wheel Holder +Black Soft Plastic Wheel +Black Plastic Wheel core	/	/	/
006	TS25110199006	Black Button Plastic+Black Plastic Trolley Handle +Black Plastic Wheel Support	/	/	/
007	TS25110199007	Black Plastic Tube connector plastic+Black Plastic Trolley handle cover+Black Plastic Inside	/	/	/
008	TS25110199008	Black Plastic Handle+Black Soft Plastic Handle grip +Handle Holder Plastic	/	/	/
009	TS25110199009	Black Zipper Teeth Plastic (Lining)+Black Plastic Buckle	/	/	/
010	TS25110199010	Black Elastic Band	/	/	/
011	TS25110199011	Black Binding Fabric+Black Lining	/	/	/
012	TS25110199012	Black Metal Plate	/	/	/
013	TS25110199013	Silver Metal Switch+Silver Metal Pad(bottom) +Galvanized And Colored Inside Metal Screw	/	/	/
014	TS25110199014	Black Metal Trolley Pole (Under Paint)+Silver Metal Lock (on Trolley Pole)+Black Metal Screw (on Trolley Pole)	/	/	/
015	TS25110199015	Silver Metal Zipper Slider (Main case)+Silver Metal Zipper Puller (Main case)	/	/	/
016	TS25110199016	Silver Inside Metal Screw +Black Metal Inner Trolley	/	/	/

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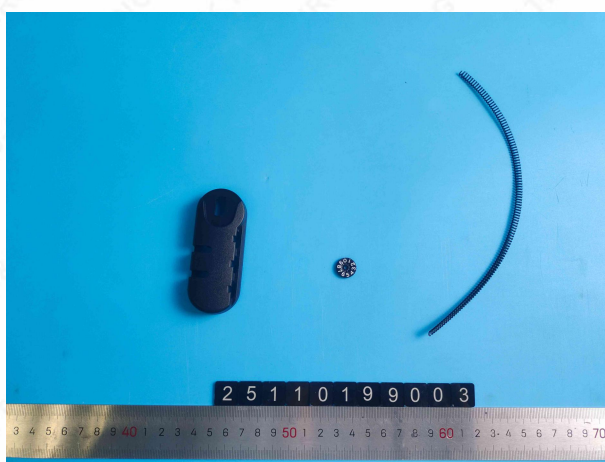
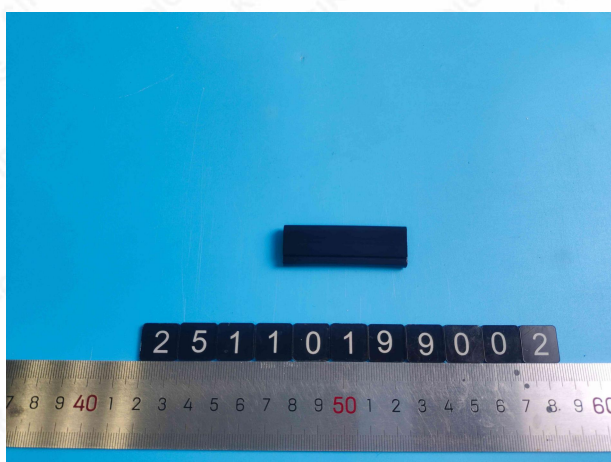
No.	Sample Serial No.	Test Component(s)	Type/Model	Material/Colour	Other Info.
017	TS25110199017	Silver Metal Zipper Slider (Lining)+Silver Metal Zipper Puller (Lining)	/	/	/
018	TS25110199018	Trolley Inside Base Plastic	/	/	/
019	TS25110199019	Black Zipper Fabric (Main case)	/	/	/
020	TS25110199020	Piping Fabric	/	/	/
021	TS25110199021	Black Binding Fabric	/	/	/
022	TS25110199022	Black Zipper Fabric (Lining)	/	/	/
023	TS25110199023	Black Lining	/	/	/

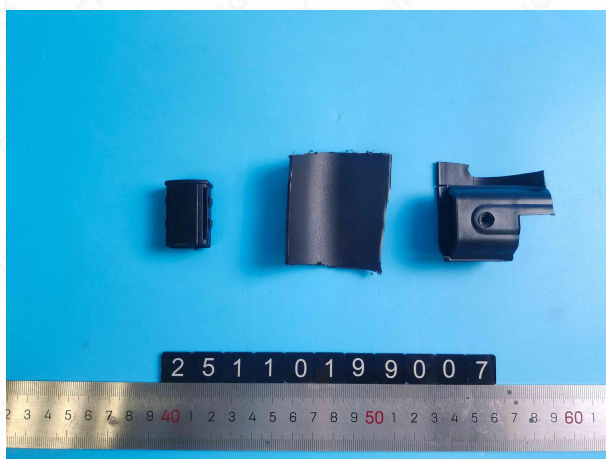
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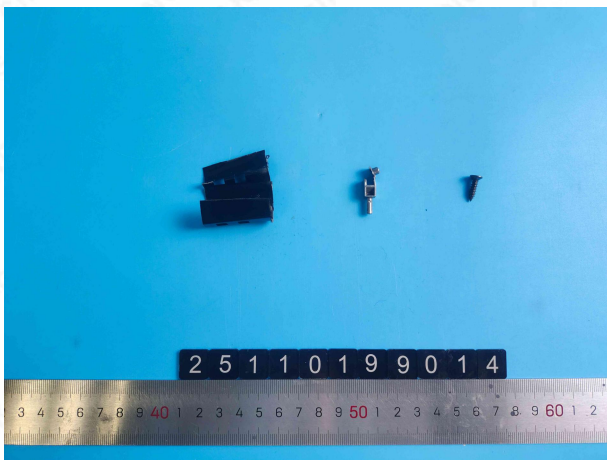
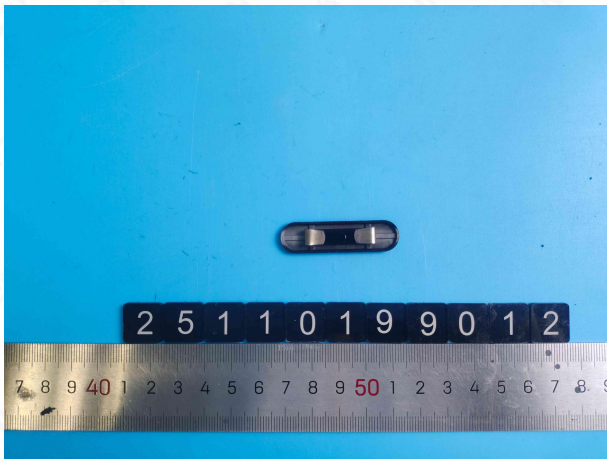


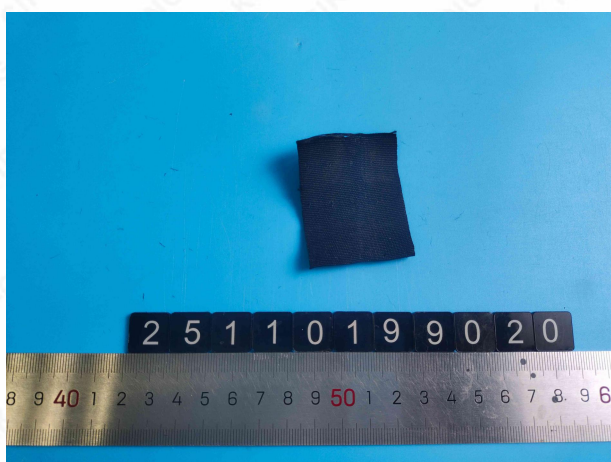
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Test Result(s):
Lead (Pb) Content

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.	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	018
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)		
					012	013	014
Lead (Pb)	EPA 3050B:1996; EPA 6010D:2018	<500	5	mg/kg	N.D.	N.D.	N.D.

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

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	018
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)		
					012	013	014
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)		
					015	016	017
Cadmium (Cd)	EPA 3050B:1996; EPA 6010D:2018	<100	5	mg/kg	N.D.	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	005	006
Benzo (a) anthracene (BaA)	56-55-3	≤ 1	0.2	mg/kg	N.D.	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.	N.D.
Benzo (b) fluoranthene (BbF)	205-99-2	≤ 1	0.2	mg/kg	N.D.	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.	N.D.
Benzo (j) fluoranthene (BjF)	205-82-3	≤ 1	0.2	mg/kg	N.D.	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.	N.D.
Dibenzo (a,h) anthracene (DBA)	53-70-3	≤ 1	0.2	mg/kg	N.D.	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.	N.D.

Test Item(s)	CAS No.	Requirement	MDL	Unit	Test Result(s)				
					007	008	009	010	018
Benzo (a) anthracene (BaA)	56-55-3	≤ 1	0.2	mg/kg	N.D.	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.	N.D.
Benzo (b) fluoranthene (BbF)	205-99-2	≤ 1	0.2	mg/kg	N.D.	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.	N.D.
Benzo (j) fluoranthene (BjF)	205-82-3	≤ 1	0.2	mg/kg	N.D.	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.	N.D.
Dibenzo (a,h) anthracene (DBA)	53-70-3	≤ 1	0.2	mg/kg	N.D.	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.	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	005	006
Di-isobutyl phthalate (DIBP)*	84-69-5	/	0.001	%	N.D.	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.	N.D.
Butyl benzyl phthalate (BBP)	85-68-7	/	0.001	%	N.D.	N.D.	N.D.	N.D.	N.D.
Di-(2-ethylhexyl)phthalate (DEHP)	117-81-7	/	0.001	%	0.003	N.D.	0.003	N.D.	N.D.
SUM (DIBP*+DBP+BBP+DEHP)	/	<0.1	0.004	%	N.D.	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.	N.D.
Di-isononyl phthalate (DINP)	28553-12-0	/	0.005	%	N.D.	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.	N.D.
SUM (DNOP+DINP+DIDP)	/	<0.1	0.011	%	N.D.	N.D.	N.D.	N.D.	N.D.

Test Item(s)	CAS No.	Requirement	MDL	Unit	Test Result(s)				
					007	008	009	010	018
Di-isobutyl phthalate (DIBP)*	84-69-5	/	0.001	%	N.D.	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.	N.D.
Butyl benzyl phthalate (BBP)	85-68-7	/	0.001	%	N.D.	N.D.	N.D.	N.D.	N.D.
Di-(2-ethylhexyl)phthalate (DEHP)	117-81-7	/	0.001	%	0.007	N.D.	N.D.	N.D.	0.009
SUM (DIBP*+DBP+BBP+DEHP)	/	<0.1	0.004	%	0.007	N.D.	N.D.	N.D.	0.009
Di-n-octyl phthalate(DNOP)	117-84-0	/	0.001	%	N.D.	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.	N.D.
Di-iso-decyl phthalate (DIDP)	26761-40-0	/	0.005	%	N.D.	N.D.	N.D.	N.D.	N.D.
SUM (DNOP+DINP+DIDP)	/	<0.1	0.011	%	N.D.	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)		
					004	010	011
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)		
					010	019	020
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)		
					021	022	023
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