Test report

24A-005769(A1)

Verify Report

Overall result PASS

Please refer to the following pages for test result summary and notes.

Client information

Client: Mid Ocean Brands B.V.

Address: 7/F, Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong

Sample information

Description: Car ice scraper w/ mitten in cotton with sherpa inside

SKU/style #: MO2328

Country of origin: -

Country of distribution: Europe

Materials: Cotton, PVC, PP

Quantity submitted: 1 pc + a lot parts

Labeled age grade: -

Tested age grade: -

Vendor code: 118518

General information

Sample receipt date: 10-May-2024

Testing period: 10-May-2024 to 14-May-2024

Report date: 14-May-2024

QIMA (Hangzhou) Testing Co., Ltd.

Carina Zhou

Textile Laboratory Manager

QIMA (Hangzhou) Testing Co., Ltd.

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Chemical Laboratory Manager

Result summary

At the request of the client, the following test were conducted:

Test(s) conducted	Conclusion
Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 63 Lead in Substrate Materials	PASS
Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 23 Cadmium in Substrate Materials	PASS
Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 50 Polycyclic Aromatic Hydrocarbon (PAH)	PASS
Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 43 Azocolorants in Textiles	PASS
Regulation (EC) No. 1907/2006 REACH Annex XVII as amended, Item 51 and 52 Phthalates – Mouthable (DBP, BBP, DEHP, DIBP, DnOP, DINP, DIDP)	PASS
Colour Fastness to Rubbing	PASS

Detailed results

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 63 Lead in Substrate Materials

Test Method: CPSC-CH-E1001-08.3 (Metal) and/or CPSC-CH-E1002-08.3 (Non-Metal)
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2	3+4	5	---	---	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	ND	ND	---	---	**500**
Conclusion	PASS	PASS	PASS	---	---	

Note:
mg/kg = Milligrams per kilogram
LT = Less than
ND = Not detected (Reporting Limit = 15 mg/kg)
Composite results are based on specimen of least mass resulting in highest potential concentration.

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
3+4	24A-005012(A1)	3+4	08-May-2024
5	24A-005012(A1)	5	08-May-2024

Detailed results

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 23 Cadmium in Substrate Materials

Test Method: ASTM F963-23 Clause 8.3.1
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	3+4	5	---	---	---	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Cadmium (Cd)	ND	ND	---	---	---	**100**
Conclusion	PASS	PASS	---	---	---	

Note:
mg/kg = Milligrams per kilogram
LT = Less than
ND = Not detected (Reporting Limit = 15mg/kg)
Composite results are based on specimen of least mass resulting in highest potential concentration.

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
3+4	24A-005012(A1)	3+4	08-May-2024
5	24A-005012(A1)	5	08-May-2024

Detailed results

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 50 Polycyclic Aromatic Hydrocarbon (PAH)

Test Method: AfPS GS 2019:01
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		3+4	5	---	---	**Limit (mg/kg)**
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Benzo [a] pyrene (BaP)	50-32-8	ND	ND	---	---	**1**
Benzo [e] pyrene (BeP)	192-97-2	ND	ND	---	---	**1**
Benzo [a] anthracene (BaA)	56-55-3	ND	ND	---	---	**1**
Chrysene (CHR)	218-01-9	ND	ND	---	---	**1**
Benzo [b] fluroranthene (BbFA)	205-99-2	ND	ND	---	---	**1**
Benzo [j] fluroranthene (BjFA)	205-82-3	ND	ND	---	---	**1**
Benzo [k] fluroranthene (BkFA)	207-08-9	ND	ND	---	---	**1**
Dibenzo [a,h] anthracene (DBAhA)	53-70-3	ND	ND	---	---	**1**
Conclusion		PASS	PASS	---	---	

Note:
mg/kg = Milligrams per kilogram
LT = Less than
ND = Not detected (Reporting Limit = 0.2 mg/kg)
Composite results are based on specimen of least mass resulting in highest potential concentration.

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
3+4	24A-005012(A1)	3+4	08-May-2024
5	24A-005012(A1)	5	08-May-2024

Detailed results

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 43 Azocolorants in Textiles

Test Method: EN ISO 14362-1:2017, EN ISO 14362-3:2017
Analytical Method: Gas Chromatography with Mass Spectrometry, Liquid Chromatography with Diode Array Detection / Liquid Chromatography with Mass Spectrometry

Specimen No.		1+2	---	---	---	
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	**Limit (mg/kg)**
4-aminobiphenyl	92-67-1	ND	---	---	---	**30**
Benzidine	92-87-5	ND	---	---	---	**30**
4-chloro-o-toluidine	95-69-2	ND	---	---	---	**30**
2-naphtylamine	91-59-8	ND	---	---	---	**30**
o-Aminoazotoluene	97-56-3	ND	---	---	---	**30**
5-nitro-o-toluidine	99-55-8	ND	---	---	---	**30**
4-chloroaniline	106-47-8	ND	---	---	---	**30**
2,4-diaminoanisole	615-05-4	ND	---	---	---	**30**
4,4'-methylenedianiline	101-77-9	ND	---	---	---	**30**
3,3’-dichlorobenzidine	91-94-1	ND	---	---	---	**30**
o-dianisidine	119-90-4	ND	---	---	---	**30**
3,3’-dimethylbenzidine	119-93-7	ND	---	---	---	**30**
4,4’-methylenedi-o-toluidine	838-88-0	ND	---	---	---	**30**
p-cresidine	120-71-8	ND	---	---	---	**30**
4,4’-methylene-bis-(2-chloro-aniline)	101-14-4	ND	---	---	---	**30**
4,4’-oxydianiline	101-80-4	ND	---	---	---	**30**
4,4’-thiodianiline	139-65-1	ND	---	---	---	**30**
o-toluidine	95-53-4	ND	---	---	---	**30**
2,4-diaminotoluene	95-80-7	ND	---	---	---	**30**
2,4,5-trimethylaniline	137-17-7	ND	---	---	---	**30**
2-methoxyaniline	90-04-0	ND	---	---	---	**30**
4-aminoazobenzene	60-09-3	ND	---	---	---	**30**
Conclusion		PASS	---	---	---	

Note:
mg/kg = Milligrams per kilogram
LT = Less than
ND = Not detected (Reporting Limit = 5 mg/kg)
Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:
In the case of levels per amine component less than or equal to 30 mg/kg, according to the analysis as carried out, azo colorants which can release one or more of certain listed amines by cleavage of their azo group/s were not detected in the commodity submitted.

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
1+2	24A-005012(A1)	1+2	08-May-2024

Detailed results

Regulation (EC) No. 1907/2006 REACH Annex XVII as amended, Item 51 and 52 Phthalates – Mouthable (DBP, BBP, DEHP, DIBP, DnOP, DINP, DIDP)

Test Method: CPSC-CH-C1001-09.4
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		3+4	5	---	**Limit (mg/kg)**
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	---	**1000**
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	---	**1000**
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	---	**1000**
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	---	**1000**
Sum of DBP, BBP, DEHP, DIBP		ND	ND	---	**1000**
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	---	
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	---	
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	---	
Sum of DnOP, DINP, DIDP		ND	ND	---	**1000**
Conclusion		PASS	PASS	---	

Note:
mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % w/w (Percent by weight)
LT = Less than
ND = Not detected (Reporting Limit = 150 mg/kg)
Composite results are based on specimen of least mass resulting in highest potential concentration.

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
3+4	24A-005012(A1)	3+4	08-May-2024
5	24A-005012(A1)	5	08-May-2024

Detailed results

Colour Fastness to Rubbing

Test Method: ISO 105-X12: 2016, Size of rubbing finger: 16mm dia.

Specimen No.	1	---	---	---	---	Client's requirement
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
Dry staining	4-5	---	---	---	---	Min. 2-3
Wet staining	3-4	---	---	---	---	Min. 2-3
Conclusion	PASS	---	---	---	---	-

Remark: Grey Scale rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good.

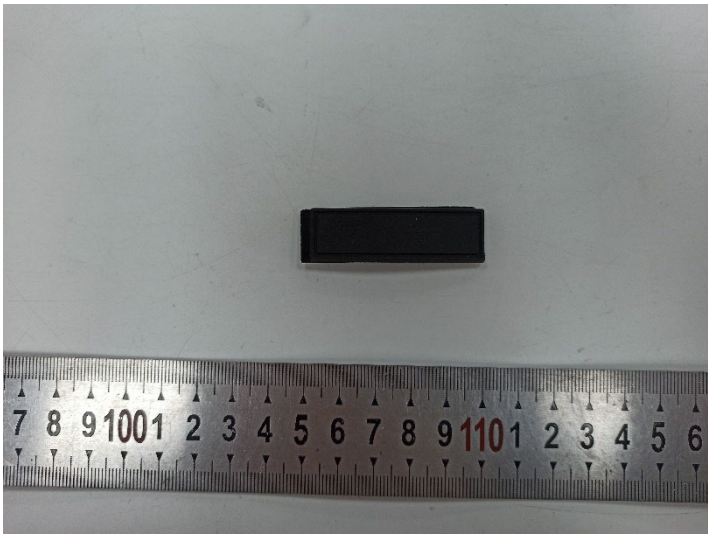
Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
1	24A-005012(A1)	1	08-May-2024

Specimen description

Specimen #	Specimen description	Location
1	Black/red textile	Main body
2	White plush textile	Lining
3	Transparent plastic	Shovel
4	Black plastic	Handle
5	Black soft plastic	Brand

Pictures

Sample photo:



End of the report