

## Test Report

Number: SZHH01428581S1

Applicant: Mid Ocean Group B.V.  
WELLENSIEKSTRAAT 26718 XZ EDE THE  
NETHERLANDS

Date: Jan 03, 2020

Attn: PATRICIA VARELA

*This is to supersede Report No.  
SZHH01428581 dated Jan 02,  
2020*

### Sample Description:

Six (6) styles of submitted samples said to be :

Item Name : **Waist Bag.**  
Item No. : **10214530(MO9905-03)/10214531(MO9906-03)/10214532(MO9906-04)/10214533(MO9906-07).**  
Reference No. : 100012-10002/100013-10011/100013-10012/100013-10010.  
Country of Destination : Netherlands.  
Country of Origin : China.  
Date Sample Received : Dec 25, 2019.  
Testing Period : Dec 25, 2019- Dec 31, 2019.



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



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Conclusion:

Tested Sample  
Submitted samples

Standard  
BS EN ISO 105 - X12: 2016 Colour  
Fastness to Rubbing

Result  
Pass

Tested components of  
submitted samples

Lead Content Requirement in Annex  
XVII Entry 63 of the REACH  
Regulation (EC) No 1907/2006 and  
Amendment (EC) No 552/2009, (EU)  
No 836/2012, (EU) 2015/628 with  
effective from 1 June 2016

Pass

Cadmium content requirement in  
REACH regulation Annex XVII Item 23  
(EC) No 1907/2006 and amendment  
No. 552/2009, 494/2011, 835/2012 and  
2016/217

Pass

Azocolourants Content Requirement in  
Annex XVII Item 43 of the REACH  
Regulation (EC) No 1907/2006 &  
Amendment (EC) No 552/2009 and  
(EU) No 126/2013 (Formerly Known  
as Directive 2002/61/EC)

Pass



## Test Report

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### Conclusion:

Tested Sample  
Tested components of  
submitted samples

Test Item  
As the Applicant's Requirement on  
Phthalates Content Requirement in  
Annex XVII Entry 51 & 52 of the  
REACH Regulation (EC) No  
1907/2006 and Amendment (EC) No  
552/2009 and (EU) 2018/2005. [(EU)  
2018/2005 is applicable to products  
including toys and childcare articles  
placed on the market after 7 July  
2020]

Result  
Pass

Remark: As requested by the applicant, Lead content test, Total Cadmium content test, Azocolourants content Test, Phthalate test were conducted only on components listed in this report. Other components were not tested.

Authorized by:  
For Intertek Testing Services Shenzhen Ltd  
Xiamen Branch



Rachel L. Guo  
General Manager



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Tests Conducted

1 Colour Fastness to Rubbing

As per BS EN ISO 105 - X12: 2016 Colour Fastness to Rubbing.

Result:

	(1)	(5)	<u>Grade ratings</u>	(21)	(29)
Dry	4-5	4-5	4-5	4	4-5
Wet	4-5	4-5	4-5	4-5	4-5

Remark : Evaluating against ISO grey scale.  
Applicant's specified requirements for color transfer:  
Dry crocking : 2-3 or higher  
Wet crocking : 2-3 or higher

Tested components: See component list in the last section of this report



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2 Total Lead (Pb) Content

With reference to IEC 62321-5:2013, acid digestion was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Element	Result (%) $\theta$	Reporting Limit (%)	Limit (%)
	Tested Component		
	(1+3+5) (2+7) (6) (9+24+25) (10+13+14) (15+16+17) (20+22) (23+26)		
Lead (Pb)	ND	0.001	0.05

The limit was quoted according to Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) and Amendment (EC) No 552/2009, (EU) No 836/2012, (EU) 2015/628, Annex XVII Entry 63 on total lead in jewellery articles and articles which may be placed in the mouth by children during normal or reasonably foreseeable conditions of use.

ND = Not detected (less than reporting limit)  
 $\theta$  = Single result for each test component/group

Tested components: See component list in the last section of this report

3 Cadmium (Cd) Content

With reference to test method IEC 62321-5:2013, acid digestion method was used and total Cadmium content was determined by Inductively Coupled Argon Plasma Spectrometry.

Element	Result (%) $\theta$	Reporting Limit (%)
	Tested Component	
	(1+3+5) (2+7) (6) (10+13+14) (15+16+17) (20+22) (26)	
Cadmium (Cd)	ND	0.0005

Limit:

Category	Limit (%)
Wet paint	0.01
Surface coating	0.1
Plastic	0.01
Metal parts of jewelry & hair accessories	0.01

ND = Not detected (less than reporting limit)  
 $\theta$  = Single result for each test component/group

Tested Components: See component list in the last section of this report



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4 Detection of Amines Derived from Azocolourants and Azodyes

By Gas Chromatographic - Mass Spectrometric (GC-MS) and High Performance Liquid Chromatographic (HPLC) Analysis.

Test Method : EN 14362-1 : 2012 for Textile Material  
 EN ISO 17234-1: 2010 for Leather Material  
 EN 14362-3 : 2012 & EN ISO 17234-2: 2011 for 4-Aminoazobenzene

	Test item	CAS No.	Result (mg/kg) $\theta$
			Tested component (1+5+6) (3+4+8) (11+12+18) (19+21) (27+28)
1	4-Aminodiphenyl	92-67-1	ND
2	Benzidine	92-87-5	ND
3	4-Chloro-o-Toluidine	95-69-2	ND
4	2-Naphthylamine	91-59-8	ND
5	o-Aminoazotoluene	97-56-3	ND
6	2-Amino-4-Nitrotoluene	99-55-8	ND
7	p-Chloroaniline	106-47-8	ND
8	2,4-Diaminoanisole	615-05-4	ND
9	4,4'-Diaminodiphenylmethane	101-77-9	ND
10	3,3'-Dichlorobenzidine	91-94-1	ND
11	3,3'-Dimethoxybenzidine	119-90-4	ND
12	3,3'-Dimethylbenzidine	119-93-7	ND
13	3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0	ND
14	p-Cresidine	120-71-8	ND
15	4,4'-Methylene-Bis(2-Chloroaniline)	101-14-4	ND
16	4,4'-Oxydianiline	101-80-4	ND
17	4,4'-Thiodianiline	139-65-1	ND
18	o-Toluidine	95-53-4	ND
19	2,4-Toluylenediamine	95-80-7	ND
20	2,4,5-Trimethylaniline	137-17-7	ND
21	o-Anisidine	90-04-0	ND
22	4-Aminoazobenzene	60-09-3	ND

ND = Not detected (less than reporting limit)  
 Reporting limit = 5mg/kg  
 Requirement = 30mg/kg (Max.)  
 $\theta$  = Single result for each test component/group

Tested components: See component list in the last section of this report



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5 Phthalate Content

With reference to International Standard ISO 8124-6:2018, and phthalate content was determined by Gas Chromatographic-Mass Spectrometric (GC-MS).

Test Item	CAS No.	Result (%)	Reporting Limit (%)	Limit (%)
		Tested component (26)		
Dibutyl phthalate (DBP)	84-74-2	ND	0.005	--
Di-(2-ethyl hexyl) phthalate (DEHP)	117-81-7	0.056	0.005	--
Benzyl butyl phthalate (BBP)	85-68-7	ND	0.005	--
Diisobutyl phthalate (DIBP)	84-69-5	ND	0.005	--
Sum of DBP, DEHP, BBP and DIBP	--	0.056	--	0.1
Di-iso-nonyl phthalate (DINP)	28553-12-0/ 68515-48-0	0.018	0.005	--
Di-n-octyl phthalate(DNOP)	117-84-0	ND	0.005	--
Di-iso-decyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	0.005	--
Sum of DINP, DNOP and DIDP	--	0.018	--	0.1

Test Item	CAS No.	Result (%) <sup>θ</sup>	Reporting Limit (%)	Limit (%)
		Tested component (2+7) (1+3+5) (6) (10+13+14) (15+16+17) (20+22)		
Dibutyl phthalate (DBP)	84-74-2	ND	0.005	--
Di-(2-ethyl hexyl) phthalate (DEHP)	117-81-7	ND	0.005	--
Benzyl butyl phthalate (BBP)	85-68-7	ND	0.005	--
Diisobutyl phthalate (DIBP)	84-69-5	ND	0.005	--
Sum of DBP, DEHP, BBP and DIBP	--	ND	--	0.1
Di-iso-nonyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	0.005	--
Di-n-octyl phthalate(DNOP)	117-84-0	ND	0.005	--
Di-iso-decyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	0.005	--
Sum of DINP, DNOP and DIDP	--	ND	--	0.1



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The limit was quoted according to Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) and Amendment (EC) No 552/2009 and (EU) 2018/2005, Annex XVII Entry 51 & 52 on Phthalate Content.

For non-toys and non-childcare articles, the limit (sum of DBP, DEHP, BBP and DIBP) was quoted from Commission Regulation (EU) 2018/2005 effective from 7 July 2020.

ND = Not detected (less than reporting limit)  
θ = Single result for each test component/group

Tested Components: See component list in the last section of this report



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Component list:

- (1) Light black woven (shell of light black style)
- (2) Black plastic (pendent for puller of light black & navy style & grey style)
- (3) Black cord (pendent for puller of light black & navy style & grey style )
- (4) Black woven with beige thread stitching (handle of light black & navy style & grey style)
- (5) Navy woven (shell of navy style)
- (6) Grey woven (shell of grey style)
- (7) Black plastic (buckle of light black & navy style & grey style)
- (8) Orange woven (lining of light black & navy style & grey style)
- (9) Silver color metal (spring of fastener of orange bag)
- (10) Black plastic (fastener of orange bag)
- (11) Black cord (fastener of orange bag)
- (12) Orange woven with black printing (orange bag)
- (13) Transparent plastic (container for earplug)
- (14) Orange plastic (earplug)
- (15) Transparent plastic film (raincoat)
- (16) Khaki elastic string (sleeve of raincoat)
- (17) Black plastic (patch of shell of black style)
- (18) Black woven backed with plastic (shell of black style)
- (19) Deep orange woven (lining of black style)
- (20) Black plastic (buckle of black style)
- (21) Black sandwich mesh (back of shell of black style)
- (22) Transparent plastic (lining bag of black style)
- (23) Black coating on metal (zipper head & zipper puller of all styles)
- (24) Silver color metal (zipper head of black style)
- (25) Silver color metal (zipper puller of black style)
- (26) White coating on non-woven (letters on black bag)
- (27) Black non-woven (black bag)
- (28) Black cord (toggle of black bag)
- (29) Black woven (shell of black style)

\*\*\*\*\*

End of report



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*The statements of conformity reported have considered the decision rule agreed, namely that Intertek have taken account of measurement uncertainty as calculated by Intertek, and applied according to ILAC-G8/09:2019 (APPENDIX B – Example 2) except designation from the customer, regulation or test specification.*

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To: Mid Ocean Group B.V.  
WELLENSIEKSTRAAT 26718 XZ EDE THE  
NETHERLANDS

Attention: PATRICIA VARELA

Date: Jan 03, 2020

Re : Report Revision Notification

Intertek Testing Services Report Number *SZHH01428581 Dated Jan 02, 2020.*

Please be informed that all the content recorded in the above captioned report will be void. This captioned report is now superseded by a revised Intertek Testing Services Report Number, *SZHH01428581S1 Dated Jan 03, 2020.*

Below are revision details:

Report Number	SZHH01428581	SZHH01428581S1
Revise remark	Nil	Add Sample Photo

Thank you for your attention.

Authorized by:  
For Intertek Testing Services  
Shenzhen Ltd.



Rachel L. Guo  
General Manager

