



# TEST REPORT

**Report No.** ..... : WTF23F10229668C  
**Applicant** ..... : Mid Ocean Brands B.V.  
**Address** ..... : 7/F., Kings Tower, 111 King Lam Street, Cheung Sha Wan,  
Kowloon, Hong Kong  
**Manufacturer** ..... : 111903  
**Sample Name** ..... : small cotton gift goodie bag, Organic cotton shopping bag  
**Sample Model** ..... : MO2147, MO6189  
**Test Requested** ..... : Refer to next page (s)  
**Test Conclusion** ..... : **Pass** (Please refer to next pages for details)  
**Date of Receipt sample** ..... : 2023-10-26  
**Testing period** ..... : 2023-10-26 to 2023-10-31  
**Date of Issue** ..... : 2023-11-01  
**Test Result** ..... : Refer to next page (s)  
**Note** ..... : As specified by client, only test the designated sample.

**Prepared By:**

**Waltek Testing Group (Foshan) Co., Ltd.**

Address: No.13-19, 2/F., 2nd Building, Sunlink International Machinery City,  
Chencun, Shunde District, Foshan, Guangdong, China

Tel:+86-757-23811398 Fax:+86-757-23811381 E-mail:info@waltek.com.cn

Signed for and on behalf of  
Waltek Testing Group (Foshan) Co., Ltd.

Swing.Liang



Report No.: WTF23F10229668C

### Summary

Item No.	Test Requested	Test Conclusion
1	Determination of Lead content in the submitted sample in accordance with REACH regulation Annex XVII Entries 63 (EC) No. 1907/2006 and the amendment No. 836/2012 and (EU) 2015/628	Pass
2	Determine the specified AZO Colorants contents in the submitted sample in according to the Entries 43 in Annex XVII of the REACH Regulation (EC) No.1907/2006 and the Amendment Regulation (EC) No.552/ 2009 & No.126/ 2013 (previously restricted under Directive 2002/61/EC).	Pass
3	As requested by the applicant, to test Colour Fastness to Rubbing in the submitted sample.	Pass

### Sample photo:







Report No.: WTF23F10229668C



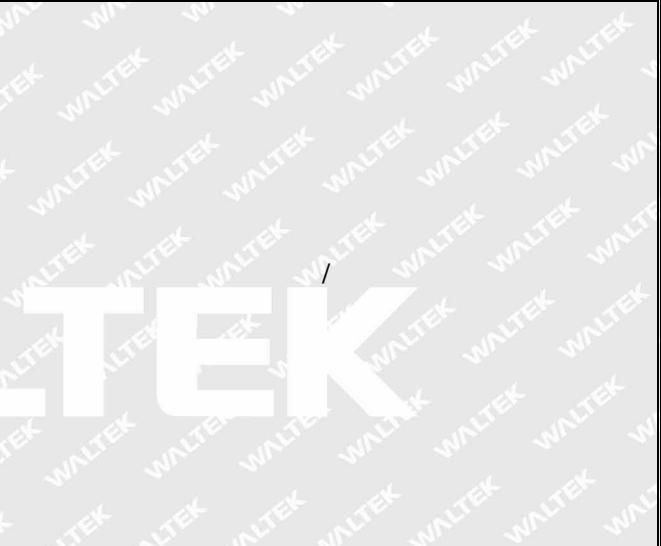
5. MO6189



6. MO2147



7. MO2147





Report No.: WTF23F10229668C

**Test Results:**

**1) Lead (Pb)**

Test Method: With reference to IEC 62321-5:2013, the analysis was performed by ICP-OES.

Test Item	LOQ (mg/kg)	Results (mg/kg)		Limit (mg/kg)
		No.1+No.2+No.3	No.4+No.5	
Lead(Pb)	2	ND*	ND*	500
<b>Conclusion</b>	--	<b>Pass</b>	<b>Pass</b>	--

**Note:**

(1) mg/kg = milligram per kilogram

(2) ND = Not Detected (lower than LOQ)

(3) LOQ = Limit of quantitation

(4) Limit of Lead was quoted from REACH regulation Annex XVII Item 63 (EC) No. 1907/2006 and the amendment No. 836/2012 and (EU) 2015/628.

(5) "\*" = Results are calculated by the minimum weight of mixed components.

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Report No.: WTF23F10229668C

## 2) AZO

Test Method: With reference to BS EN ISO 14362-1: 2017 and BS EN ISO 14362-3: 2017, analysis was performed by Gas Chromatographic Mass Spectrometry (GC-MS)

No.	Amines Substances	CAS No.	Limit (mg/kg)	Result (mg/kg)
				No.1+No.2+No.3
1	4-Aminobiphenyl	92-67-1	30	ND*
2	Benzidine	92-87-5	30	ND*
3	4-chloro-o-Toluidine	95-69-2	30	ND*
4	2-Naphthylamine	91-59-8	30	ND*
5	o-Aminoazotoluene	97-56-3	30	ND*
6	2-Amino-4-nitrotoluene	99-55-8	30	ND*
7	p-Chloroaniline	106-47-8	30	ND*
8	2,4-diaminoanisol	615-05-4	30	ND*
9	4,4'-Diaminodiphenylmethane	101-77-9	30	ND*
10	3,3'-Dichlorobenzidine	91-94-1	30	ND*
11	3,3'-Dimethoxybenzidine	119-90-4	30	ND*
12	3,3'-Dimethylbenzidine	119-93-7	30	ND*
13	3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	30	ND*
14	p-cresinin	120-71-8	30	ND*
15	4,4'-Methylen-bis-(2-chloroaniline)	101-14-4	30	ND*
16	4,4'-Oxydianiline	101-80-4	30	ND*
17	4,4'-Thiodianiline	139-65-1	30	ND*
18	o-Toluidine	95-53-4	30	ND*
19	2,4-Toluylendiamine	95-80-7	30	ND*
20	2,4,5 – Trimethylaniline	137-17-7	30	ND*
21	o-anisidine	90-04-0	30	ND*
22	4-aminoazobenzene	60-09-3	30	ND*
23	2,4-Xylidin	95-68-1	30	ND*
24	2,6-Xylidin	87-62-7	30	ND*
<b>Conclusion</b>		--	--	<b>Pass</b>





Report No.: WTF23F10229668C

No.	Amines Substances	CAS No.	Limit (mg/kg)	Result (mg/kg)
				No.4+No.5
1	4-Aminobiphenyl	92-67-1	30	ND*
2	Benzidine	92-87-5	30	ND*
3	4-chloro-o-Toluidine	95-69-2	30	ND*
4	2-Naphthylamine	91-59-8	30	ND*
5	o-Aminoazotoluene	97-56-3	30	ND*
6	2-Amino-4-nitrotoluene	99-55-8	30	ND*
7	p-Chloroaniline	106-47-8	30	ND*
8	2,4-diaminoanisol	615-05-4	30	ND*
9	4,4'-Diaminodiphenylmethane	101-77-9	30	ND*
10	3,3'-Dichlorobenzidine	91-94-1	30	ND*
11	3,3'-Dimethoxybenzidine	119-90-4	30	ND*
12	3,3'-Dimethylbenzidine	119-93-7	30	ND*
13	3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	30	ND*
14	p-cresinin	120-71-8	30	ND*
15	4,4'-Methylen-bis-(2-chloroaniline)	101-14-4	30	ND*
16	4,4'-Oxydianiline	101-80-4	30	ND*
17	4,4'-Thiodianiline	139-65-1	30	ND*
18	o-Toluidine	95-53-4	30	ND*
19	2,4-Toluyldiamine	95-80-7	30	ND*
20	2,4,5 – Trimethylaniline	137-17-7	30	ND*
21	o-anisidine	90-04-0	30	ND*
22	4-aminoazobenzene	60-09-3	30	ND*
23	2,4-Xylidin	95-68-1	30	ND*
24	2,6-Xylidin	87-62-7	30	ND*
<b>Conclusion</b>		--	--	<b>Pass</b>

**Note:**

- ND = Not Detected or lower than limit of quantitation
- mg/kg=Milligram per kilogram
- Limit of quantitation (mg/kg): Each 5mg/kg
- The CAS-numbers 97-56-3 and 99-55-8 are further reduced to CAS-numbers 95-53-4 and 95-80-7.
- AZO colorants that are able to form 4-aminoazobenzene, generate under the condition of this method aniline and 1,4-phenylenediamine. The presence of these colorants cannot be reliably ascertained without additional information, e.g. the chemical structure of the colorant used.
- “\*” = Results are calculated by the minimum weight of mixed components.



Report No.: WTF23F10229668C

### 3) Colour Fastness to Rubbing

Colour Fastness to Rubbing							
(ISO 105-X12: 2016; Size of rubbing finger: 16mm diameter.)							
		No.1	No.2	No.3	No.4	No.5	Client's Limit
Length	Dry staining	4-5	4-5	4-5	4-5	4-5	2-3
	Wet staining	4-5	2-3	3	4-5	3-4	2-3
Width	Dry staining	4-5	--	--	4-5	--	2-3
	Wet staining	4-5	--	--	4-5	--	2-3
<b>Conclusion</b>		<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	--

#### Note:

(1) Grey Scale Rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good.

#### Description for Specimen:

Specimen No.	Specimen Description
1	Grey main fabric
2	Black webbing
3	Red webbing
4	Beige webbing
5	Blue webbing

#### Photograph of parts tested:







Report No.: WTF23F10229668C

Remarks:

1. The results shown in this test report refer only to the sample(s) tested;
2. This test report cannot be reproduced, except in full, without prior written permission of the company;
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===== End of Report =====

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