



# TEST REPORT

**Report No.** ..... : WTF24F02028923C  
**Applicant** ..... : Mid Ocean Brands B.V.  
**Address** ..... : 7/F., Kings Tower, 111 King Lam Street, Cheung Sha Wan,  
Kowloon, Hong Kong  
**Manufacturer** ..... : 117851  
**Sample Name** ..... : Cotton shopping bag  
**Sample Model** ..... : MO2098  
**Test Requested** ..... : Refer to next page (s)  
**Test Method** ..... : Refer to next page (s)  
**Test Conclusion** ..... : **Pass** (Please refer to next pages for details)  
**Date of Receipt sample** ..... : 2024-02-19  
**Testing period** ..... : 2024-02-19 to 2024-02-23  
**Date of Issue** ..... : 2024-02-27  
**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 Machinery City, Xingye 4 Road, Guanglong Industrial Park,  
Chihua Neighborhood Committee, Chencun Town, 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



WTF24F02028923C



Report No.: WTF24F02028923C

Job No.: FSW2024021953683CJ

### 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

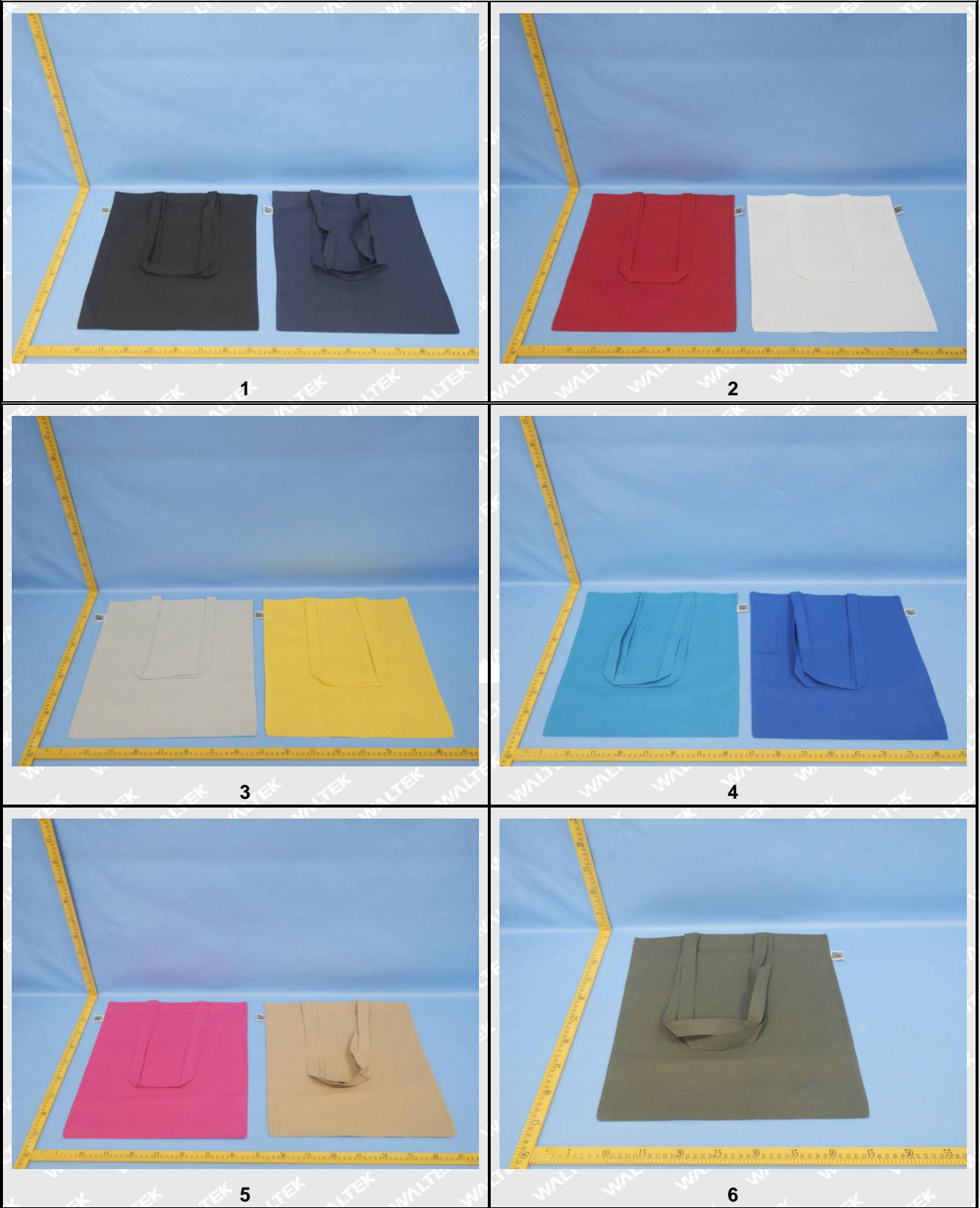
# WALTEK



Report No.: WTF24F02028923C

Job No.: FSW2024021953683CJ

Sample photo:





Report No.: WTF24F02028923C

Job No.: FSW2024021953683CJ

**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>	--

Test Item	LOQ (mg/kg)	Results (mg/kg)		Limit (mg/kg)
		No.6+No.7+No.8	No.9+No.10+No.11	
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.



Report No.: WTF24F02028923C

Job No.: FSW2024021953683CJ

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



Report No.: WTF24F02028923C

Job No.: FSW2024021953683CJ

No.	Amines Substances	CAS No.	Limit (mg/kg)	Result (mg/kg)	
				No.6+No.7 +No.8	No.9+No.10 +No.11
1	4-Aminobiphenyl	92-67-1	30	ND*	ND*
2	Benzidine	92-87-5	30	ND*	ND*
3	4-chloro-o-Toluidine	95-69-2	30	ND*	ND*
4	2-Naphthylamine	91-59-8	30	ND*	ND*
5	o-Aminoazotoluene	97-56-3	30	ND*	ND*
6	2-Amino-4-nitrotoluene	99-55-8	30	ND*	ND*
7	p-Chloroaniline	106-47-8	30	ND*	ND*
8	2,4-diaminoanisol	615-05-4	30	ND*	ND*
9	4,4'-Diaminodiphenylmethane	101-77-9	30	ND*	ND*
10	3,3'-Dichlorobenzidine	91-94-1	30	ND*	ND*
11	3,3'-Dimethoxybenzidine	119-90-4	30	ND*	ND*
12	3,3'-Dimethylbenzidine	119-93-7	30	ND*	ND*
13	3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	30	ND*	ND*
14	p-cresinin	120-71-8	30	ND*	ND*
15	4,4'-Methylen-bis-(2-chloroaniline)	101-14-4	30	ND*	ND*
16	4,4'-Oxydianiline	101-80-4	30	ND*	ND*
17	4,4'-Thiodianiline	139-65-1	30	ND*	ND*
18	o-Toluidine	95-53-4	30	ND*	ND*
19	2,4-Toluylendiamine	95-80-7	30	ND*	ND*
20	2,4,5 – Trimethylaniline	137-17-7	30	ND*	ND*
21	o-anisidine	90-04-0	30	ND*	ND*
22	4-aminoazobenzene	60-09-3	30	ND*	ND*
23	2,4-Xylidin	95-68-1	30	ND*	ND*
24	2,6-Xylidin	87-62-7	30	ND*	ND*
<b>Conclusion</b>		--	--	<b>Pass</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.: WTF24F02028923C

Job No.: FSW2024021953683CJ

**3) Colour Fastness to Rubbing**

<b>Colour Fastness to Rubbing</b>							
(ISO 105-X12: 2016; Size of rubbing finger: 16mm diameter.)							
		<b>No.1</b>	<b>No.2</b>	<b>No.3</b>	<b>No.5</b>	<b>No.6</b>	<b>Client's Limit</b>
Length	Dry staining	4-5	4-5	4-5	4-5	4-5	2-3
	Wet staining	4	4	4	4-5	4-5	2-3
Width	Dry staining	4-5	4-5	4-5	4-5	4-5	2-3
	Wet staining	4	4	4	4-5	4-5	2-3
<b>Conclusion</b>		<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	--

<b>Colour Fastness to Rubbing</b>							
(ISO 105-X12: 2016; Size of rubbing finger: 16mm diameter.)							
		<b>No.7</b>	<b>No.8</b>	<b>No.9</b>	<b>No.10</b>	<b>No.11</b>	<b>Client's Limit</b>
Length	Dry staining	4-5	4-5	4-5	4-5	4-5	2-3
	Wet staining	4	4	4	4-5	4-5	2-3
Width	Dry staining	4-5	4-5	4-5	4-5	4-5	2-3
	Wet staining	4	4	4	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:**

<b>Specimen No.</b>	<b>Specimen Description</b>
1	Black main fabric
2	Dark blue main fabric
3	Red main fabric
4	White main fabric
5	Grey main fabric
6	Yellow main fabric
7	Light blue main fabric
8	Blue main fabric
9	Pink main fabric
10	Brown main fabric
11	Dark green main fabric



Report No.: WTF24F02028923C

Job No.: FSW2024021953683CJ

Photograph of parts tested:





Report No.: WTF24F02028923C

Job No.: FSW2024021953683CJ

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;
3. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver;
4. The Applicant name and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which Waltek hasn't verified;
5. If the report is not stamped with the accreditation recognized seal, it will only be used for scientific research, education, and internal quality control activities, and is not used for the purpose of issuing supporting data to the society.
6. The sample material information (Model No. information) is provided by client, not verified by test laboratory. The samples of reference Model No. are not tested. Test laboratory not responsible for the accuracy, appropriateness, completeness and authenticity of the information provided by client.

===== End of Report =====

# WALTEK