



# TEST REPORT

Report No. .... : WTF26F01002764C  
Job No. .... : FSW2601060129CJ  
Applicant ..... : Mid Ocean Brands B. V.  
Address ..... : Unit 711-716, 7/F., Tower A, 83 King Lam Street, Cheung Sha  
Wan, Kowloon, Hong Kong.  
Manufacturer ..... : 116454  
Sample Name ..... : Towel  
Sample Model ..... : MT4001, MT4006  
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 ..... : 2026-01-06  
Testing Period ..... : 2026-01-06 to 2026-01-12  
Date of Issue ..... : 2026-01-12  
Test Result ..... : Refer to next page (s)

## 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, 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



WTF26F01002764C

Swing Liang  
Waltek Testing Group (Foshan) Co., Ltd.  
<http://www.waltek.com.cn>



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### 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:



MT4001



MT4006



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## Test Results:

### 1) Lead (Pb)

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

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

## 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) "\*" = As per applicant's requirement, the testing was conducted based on mixed components by weight in equal ratio, results are calculated by the minimum weight of mixed components.

# WALTEK





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**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      |
| 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>    |



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**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.
- “\*” = As per applicant's requirement, the testing was conducted based on mixed components by weight in equal ratio, results are calculated by the minimum weight of mixed components.

**3) Colour Fastness to Rubbing**

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

**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 ID        | Specimen No. | Specimen Description     |
|--------------------|--------------|--------------------------|
| FSW2601060129CJ. 1 | 1            | Multicolour main fabric  |
| FSW2601060129CJ. 2 | 2            | Black-orange main fabric |



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**Photograph of parts tested:**



**Remarks:**

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