



# TEST REPORT

Report No. .... : WTF25F10270651C  
Job No. .... : FSW2510150367CJ  
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 ..... : 107961  
Sample Name ..... : Waterproof bag  
Sample Model ..... : MB8006, MB8007, MB8008, MB8009, MB8010, MB8011,  
MB8012, MB8013  
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 ..... : 2025-10-15  
Testing Period ..... : 2025-10-15 to 2025-10-21  
Date of Issue ..... : 2025-10-21  
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.

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



Swing Liang  
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WTF25F10270651C



Report No.: WTF25F10270651C

Job No.: FSW2510150367CJ

**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        | Determination of Cadmium content in the submitted sample in accordance with REACH regulation Annex XVII Entries 23 (EC) No. 1907/2006 and the amendment No. 552/2009, No. 494/2011, No. 835/2012 and (EU) 2016/217                                                              | Pass            |
| 3        | Determination of specified Phthalates content according to Annex XVII Items 51 & 52 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 & No. 2018/2005                                                                                                         | Pass            |
| 4        | Determination of specified Polycyclic Aromatic Hydrocarbons (PAHs) content in submitted sample in accordance with Entries 50 of Annex XVII of REACH Regulation (EC) No 1907/2006 and its amendment Regulation (EU) No 1272/2013.                                                | Pass            |
| 5        | 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            |
| 6        | As requested by the applicant, to test Colour Fastness to Rubbing in the submitted sample.                                                                                                                                                                                      | Pass            |

**Sample photo:****MB8006****MB8007**



Report No.: WTF25F10270651C

Job No.: FSW2510150367CJ



MB8008



MB8009



MB8010



MB8011



MB8012



MB8013



Report No.: WTF25F10270651C

Job No.: FSW2510150367CJ

## 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.10+No.11 | No.2+No.4+No.5 |                  |
| Lead(Pb)   | 2              | ND*              | ND*            | 500              |
| Conclusion | --             | Pass             | Pass           | --               |

| Test Item  | LOQ<br>(mg/kg) | Results (mg/kg) |                | Limit<br>(mg/kg) |
|------------|----------------|-----------------|----------------|------------------|
|            |                | No.6            | No.7+No.8+No.9 |                  |
| Lead(Pb)   | 2              | ND              | ND*            | 500              |
| Conclusion | --             | Pass            | 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.



Report No.: WTF25F10270651C

Job No.: FSW2510150367CJ

## 2) Cadmium (Cd)

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)  |                |
|-------------|----------------|------------------|----------------|
|             |                | No.1+No.10+No.11 | No.2+No.4+No.5 |
| Cadmium(Cd) | 2              | ND*              | ND*            |
| Conclusion  | --             | Pass             | Pass           |

| Test Item   | LOQ<br>(mg/kg) | Results (mg/kg) |                |
|-------------|----------------|-----------------|----------------|
|             |                | No.3            | No.7+No.8+No.9 |
| Cadmium(Cd) | 2              | ND              | ND*            |
| Conclusion  | --             | Pass            | Pass           |

### Note:

- (1) mg/kg = milligram per kilogram
- (2) ND = Not Detected (lower than LOQ)
- (3) LOQ = Limit of quantitation
- (4) Limit of Cadmium according to REACH regulation Annex XVII Item 23 (EC) No. 1907/2006 and the amendment No. 552/2009, No. 494/2011 and No. 835/2012 and (EU) 2016/217.

| Category                                      | Limit (mg/kg) |
|-----------------------------------------------|---------------|
| Wet paint                                     | 100           |
| Surface coating                               | 1000          |
| Plastic                                       | 100           |
| Metal parts of jewellery and hair accessories | 100           |

- (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.



Report No.: WTF25F10270651C

Job No.: FSW2510150367CJ

### 3) Phthalates

Test Method: With reference to EN14372:2004, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

| Test Items                           | LOQ<br>(%) | Results<br>(%)   | Limit<br>(%)                     |
|--------------------------------------|------------|------------------|----------------------------------|
|                                      |            | No.1+No.10+No.11 |                                  |
| Benzyl butyl phthalate (BBP)         | 0.005      | ND*              | sum of four<br>phthalates < 0.1  |
| Di (2-ethyl hexyl)- phthalate (DEHP) | 0.005      | ND*              |                                  |
| Dibutyl phthalate (DBP)              | 0.005      | ND*              |                                  |
| Diisobutyl phthalate (DIBP)          | 0.005      | ND*              |                                  |
| Diisodecyl phthalate (DIDP)          | 0.01       | ND*              | sum of three<br>phthalates < 0.1 |
| Diisononyl phthalate (DINP)          | 0.01       | ND*              |                                  |
| Di-n-octyl phthalate (DNOP)          | 0.005      | ND*              |                                  |
| Conclusion                           | --         | Pass             | --                               |

| Test Items                           | LOQ<br>(%) | Results<br>(%) | Limit<br>(%)                     |
|--------------------------------------|------------|----------------|----------------------------------|
|                                      |            | No.2+No.4+No.5 |                                  |
| Benzyl butyl phthalate (BBP)         | 0.005      | ND*            | sum of four<br>phthalates < 0.1  |
| Di (2-ethyl hexyl)- phthalate (DEHP) | 0.005      | ND*            |                                  |
| Dibutyl phthalate (DBP)              | 0.005      | ND*            |                                  |
| Diisobutyl phthalate (DIBP)          | 0.005      | ND*            |                                  |
| Diisodecyl phthalate (DIDP)          | 0.01       | ND*            | sum of three<br>phthalates < 0.1 |
| Diisononyl phthalate (DINP)          | 0.01       | ND*            |                                  |
| Di-n-octyl phthalate (DNOP)          | 0.005      | ND*            |                                  |
| Conclusion                           | --         | Pass           | --                               |



Report No.: WTF25F10270651C

Job No.: FSW2510150367CJ

| Test Items                           | LOQ<br>(%) | Results<br>(%) | Limit<br>(%)                     |
|--------------------------------------|------------|----------------|----------------------------------|
|                                      |            | No.3           |                                  |
| Benzyl butyl phthalate (BBP)         | 0.005      | ND             | sum of four<br>phthalates < 0.1  |
| Di (2-ethyl hexyl)- phthalate (DEHP) | 0.005      | 0.046          |                                  |
| Dibutyl phthalate (DBP)              | 0.005      | ND             |                                  |
| Diisobutyl phthalate (DIBP)          | 0.005      | ND             |                                  |
| Diisodecyl phthalate (DIDP)          | 0.01       | ND             | sum of three<br>phthalates < 0.1 |
| Diisononyl phthalate (DINP)          | 0.01       | ND             |                                  |
| Di-n-octyl phthalate (DNOP)          | 0.005      | ND             |                                  |
| Conclusion                           | --         | Pass           | --                               |

| Test Items                           | LOQ<br>(%) | Results<br>(%) | Limit<br>(%)                     |
|--------------------------------------|------------|----------------|----------------------------------|
|                                      |            | No.7+No.8+No.9 |                                  |
| Benzyl butyl phthalate (BBP)         | 0.005      | ND*            | sum of four<br>phthalates < 0.1  |
| Di (2-ethyl hexyl)- phthalate (DEHP) | 0.005      | ND*            |                                  |
| Dibutyl phthalate (DBP)              | 0.005      | ND*            |                                  |
| Diisobutyl phthalate (DIBP)          | 0.005      | ND*            |                                  |
| Diisodecyl phthalate (DIDP)          | 0.01       | ND*            | sum of three<br>phthalates < 0.1 |
| Diisononyl phthalate (DINP)          | 0.01       | ND*            |                                  |
| Di-n-octyl phthalate (DNOP)          | 0.005      | ND*            |                                  |
| Conclusion                           | --         | Pass           | --                               |



Report No.: WTF25F10270651C

Job No.: FSW2510150367CJ

**Note:**

- (1) % = percentage by weight
- (2) ND = Not Detected or lower than limit of quantitation
- (3) LOQ = Limit of quantitation
- (4) "<" = less than
- (5) The above limit was quoted according to Annex XVII Items 51 & 52 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 & No. 2018/2005 (formerly known as Directive 2005/84/EC) for phthalate content in toys and child care articles.
- (6) "\*" = 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.

**4) Polycyclic Aromatic Hydrocarbons (PAHs)**

Test Method: With reference to AFPS GS 2019:01 PAK method, analysis was performed by Gas Chromatographic Mass Spectrometry (GC-MS).

| Test Items                     | Unit  | Results          | LOQ | Limit |
|--------------------------------|-------|------------------|-----|-------|
|                                |       | No.1+No.10+No.11 |     |       |
| Benzo(a)anthracene (BaA)       | mg/kg | ND*              | 0.2 | 1.0   |
| Chrysene (CHR)                 | mg/kg | ND*              | 0.2 | 1.0   |
| Benzo[b]fluoranthene (BbFA)    | mg/kg | ND*              | 0.2 | 1.0   |
| Benzo[k]fluoranthene (BkFA)    | mg/kg | ND*              | 0.2 | 1.0   |
| Benzo(a)pyrene (BaP)           | mg/kg | ND*              | 0.2 | 1.0   |
| Dibenzo[a,h]anthracene (DBaHA) | mg/kg | ND*              | 0.2 | 1.0   |
| Benzo[j]fluoranthene (BjFA)    | mg/kg | ND*              | 0.2 | 1.0   |
| Benzo[e]Pyrene (BeP)           | mg/kg | ND*              | 0.2 | 1.0   |
| Conclusion                     | --    | Pass             | --  | --    |



Report No.: WTF25F10270651C

Job No.: FSW2510150367CJ

| Test Items                     | Unit  | Results        | LOQ | Limit |
|--------------------------------|-------|----------------|-----|-------|
|                                |       | No.2+No.4+No.5 |     |       |
| Benzo(a)anthracene (BaA)       | mg/kg | ND*            | 0.2 | 1.0   |
| Chrysene (CHR)                 | mg/kg | ND*            | 0.2 | 1.0   |
| Benzo[b]fluoranthene (BbFA)    | mg/kg | ND*            | 0.2 | 1.0   |
| Benzo[k]fluoranthene (BkFA)    | mg/kg | ND*            | 0.2 | 1.0   |
| Benzo(a)pyrene (BaP)           | mg/kg | ND*            | 0.2 | 1.0   |
| Dibenzo[a,h]anthracene (DBAhA) | mg/kg | ND*            | 0.2 | 1.0   |
| Benzo[j]fluoranthene (BjFA)    | mg/kg | ND*            | 0.2 | 1.0   |
| Benzo[e]Pyrene (BeP)           | mg/kg | ND*            | 0.2 | 1.0   |
| Conclusion                     | --    | Pass           | --  | --    |

| Test Items                     | Unit  | Results        | LOQ | Limit |
|--------------------------------|-------|----------------|-----|-------|
|                                |       | No.7+No.8+No.9 |     |       |
| Benzo(a)anthracene (BaA)       | mg/kg | ND*            | 0.2 | 1.0   |
| Chrysene (CHR)                 | mg/kg | ND*            | 0.2 | 1.0   |
| Benzo[b]fluoranthene (BbFA)    | mg/kg | ND*            | 0.2 | 1.0   |
| Benzo[k]fluoranthene (BkFA)    | mg/kg | ND*            | 0.2 | 1.0   |
| Benzo(a)pyrene (BaP)           | mg/kg | ND*            | 0.2 | 1.0   |
| Dibenzo[a,h]anthracene (DBAhA) | mg/kg | ND*            | 0.2 | 1.0   |
| Benzo[j]fluoranthene (BjFA)    | mg/kg | ND*            | 0.2 | 1.0   |
| Benzo[e]Pyrene (BeP)           | mg/kg | ND*            | 0.2 | 1.0   |
| Conclusion                     | --    | Pass           | --  | --    |



Report No.: WTF25F10270651C

Job No.: FSW2510150367CJ

**Note:**

- (1) ND = Not Detected or lower than limit of quantitation
- (2) mg/kg=milligram per kilogram=ppm
- (3) LOQ = Limit of quantitation
- (4) As per Entries 50 of Annex XVII of REACH Regulation (EC) No 1907/2006 and its amendment Regulation (EU) No 1272/2013, Articles shall not be placed on the market for supply to the general public, if any of their rubber or plastic components that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use, contain more than 1 mg/kg (0,0001 % by weight of this component) of any of the listed PAHs.
- (5) As per Entries 50 of Annex XVII of REACH Regulation (EC) No 1907/2006 and its amendment Regulation (EU) No 1272/2013, Toys, including activity toys, and childcare articles, shall not be placed on the market, if any of their rubber or plastic components that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use, contain more than 0,5 mg/kg (0,00005 % by weight of this component) of any of the listed PAHs.
- (6) “\*” = 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.

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Report No.: WTF25F10270651C

Job No.: FSW2510150367CJ

**5) 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.10     | No.6        |
| 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.: WTF25F10270651C

Job No.: FSW2510150367CJ

**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.

**6) Colour Fastness to Rubbing**

| Colour Fastness to Rubbing                                  |              |      |      |       |                |
|-------------------------------------------------------------|--------------|------|------|-------|----------------|
| (ISO 105-X12: 2016; Size of rubbing finger: 16mm diameter.) |              |      |      |       |                |
|                                                             |              | No.1 | No.6 | No.10 | Client's Limit |
| Length                                                      | Dry staining | 4-5  | 4-5  | 4-5   | 2-3            |
|                                                             | Wet staining | 4-5  | 4-5  | 4-5   | 2-3            |
| Width                                                       | Dry staining | 4-5  | --   | 4-5   | 2-3            |
|                                                             | Wet staining | 4-5  | --   | 4-5   | 2-3            |
| Conclusion                                                  |              | Pass | 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.



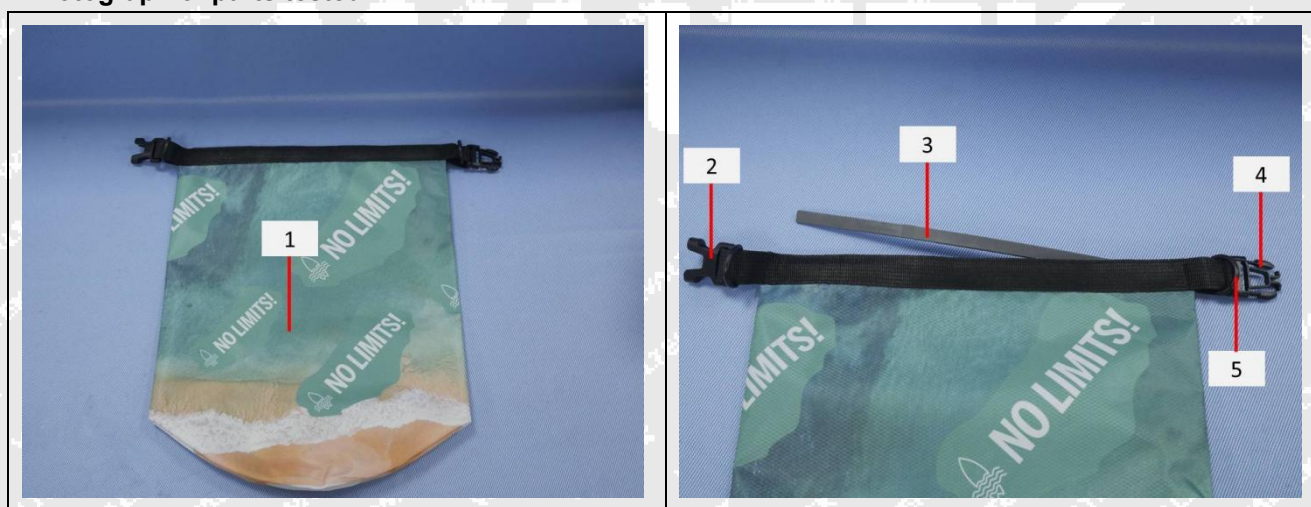
Report No.: WTF25F10270651C

Job No.: FSW2510150367CJ

**Description for Specimen:**

| Specimen ID         | Specimen No. | Specimen Description                         |
|---------------------|--------------|----------------------------------------------|
| FSW2510150367CJ. 1  | 1            | Multicolour main fabric with plastic backing |
| FSW2510150367CJ. 2  | 2            | Black plastic buckle                         |
| FSW2510150367CJ. 3  | 3            | Black plastic strip                          |
| FSW2510150367CJ. 4  | 4            | Black plastic buckle                         |
| FSW2510150367CJ. 5  | 5            | Black plastic ring                           |
| FSW2510150367CJ. 6  | 6            | Black webbing                                |
| FSW2510150367CJ. 7  | 7            | Black plastic buckle                         |
| FSW2510150367CJ. 8  | 8            | Black plastic buckle                         |
| FSW2510150367CJ. 9  | 9            | Black plastic buckle                         |
| FSW2510150367CJ. 10 | 10           | Multicolour main fabric with plastic backing |
| FSW2510150367CJ. 11 | 11           | Transparent plastic sheet                    |

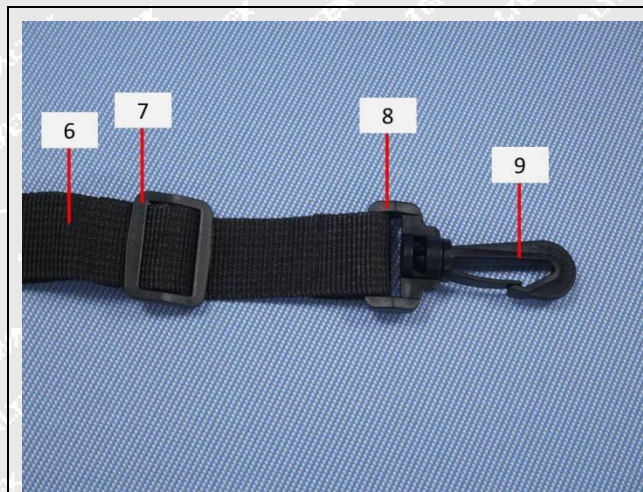
**Photograph of parts tested:**





Report No.: WTF25F10270651C

Job No.: FSW2510150367CJ



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 =====



# TEST REPORT

**Reference No.**..... : WTF25F10273647J  
**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** ..... : 107961  
**Address**..... : /  
**Product Name**..... : Waterproof bag  
**Model No.**..... : MB8006, MB8007, MB8008, MB8009, MB8010, MB8011, MB8012,  
MB8013  
**Test specification**..... : IEC 60529:1989+A1:1999+A2:2013  
**Date of Receipt sample** .... : 2025-10-20  
**Date of Test** ..... : 2025-10-23 to 2025-10-26  
**Date of Issue**..... : 2025-11-03  
**Test Report Form No.** ..... : WST-60529-59D  
**Test Result**..... : Pass

**Remarks:**

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of approver.

**Prepared By:**

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

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Tested by:

*Can Guo*

Can Guo



Approved by:

*Jerry Ma*



## List of test items:

| No.                                                                                                                                                                                                                                                                                                                                                                                                                                | Test Items | Requirement + Test             | Result |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------------------------|--------|
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                  | IPX6 Test  | IEC 60529:1989+A1:1999+A2:2013 | Pass   |
| <p>Subcontract</p> <p>Whether parts of tests for the product have been subcontracted to other labs:</p> <p><input type="checkbox"/> Yes      <input checked="" type="checkbox"/> No</p> <p>If Yes, list the related test items and lab information:</p> <p>Test items: ---</p> <p>Lab information: --</p>                                                                                                                          |            |                                |        |
| <p>Use of uncertainty of measurement for decisions on conformity (decision rule) :</p> <p>No decision rule is specified by the standard, when comparing the measurement result with the applicable limit according to the specification in that standard.</p> <p>The decisions on conformity are made without applying the measurement uncertainty ("simple acceptance" decision rule, previously known as "accuracy method").</p> |            |                                |        |
| <p>Remarks:</p> <ol style="list-style-type: none"><li>1. According to the client's request, the test was conducted in accordance with IEC 60529 standards.</li><li>2. All models have the same construction of protection against moisture.</li><li>3. Test of IPX6 was carried out on model MB8009 and MB8010.</li></ol>                                                                                                          |            |                                |        |

# WALTEK

**Test Item:**

Tests for protection against ingress moisture: IPX6

**Test Method:**

The tests should be carried out under the standard atmospheric condition. The atmospheric conditions during tests are as follows:

Temperature range: 15 °C to 35 °C. Relative humidity: 25 % to 75 %.

The tests are conducted with fresh water. The water temperature should not differ by more than 5 K from the temperature of the specimen under test. If the water temperature is more than 5 K below the temperature of the specimen a pressure balance shall be provided for the enclosure.

The test is made by spraying the enclosure from all practicable directions with a stream of water from a standard test nozzle as shown in figure 6.

The conditions to be observed are as follows:

- internal diameter of the nozzle: 12.5 mm;
- delivery rate: 100 l/min  $\pm$  5 %;
- water pressure: to be adjusted to achieve the specified delivery rate;
- core of the substantial stream: circle of approximately 120 mm diameter at 2.5 m distance from nozzle;
- test duration per square meter of enclosure surface area likely to be sprayed: 1 min;
- minimum test duration: 3 min;
- distance from nozzle to enclosure surface: between 2.5 m and 3 m.

**Acceptance Conditions:**

After testing in accordance with the appropriate requirements, the enclosure shall be inspected for ingress of water.

**Test Result:**

☒ Pass ☐ Fail

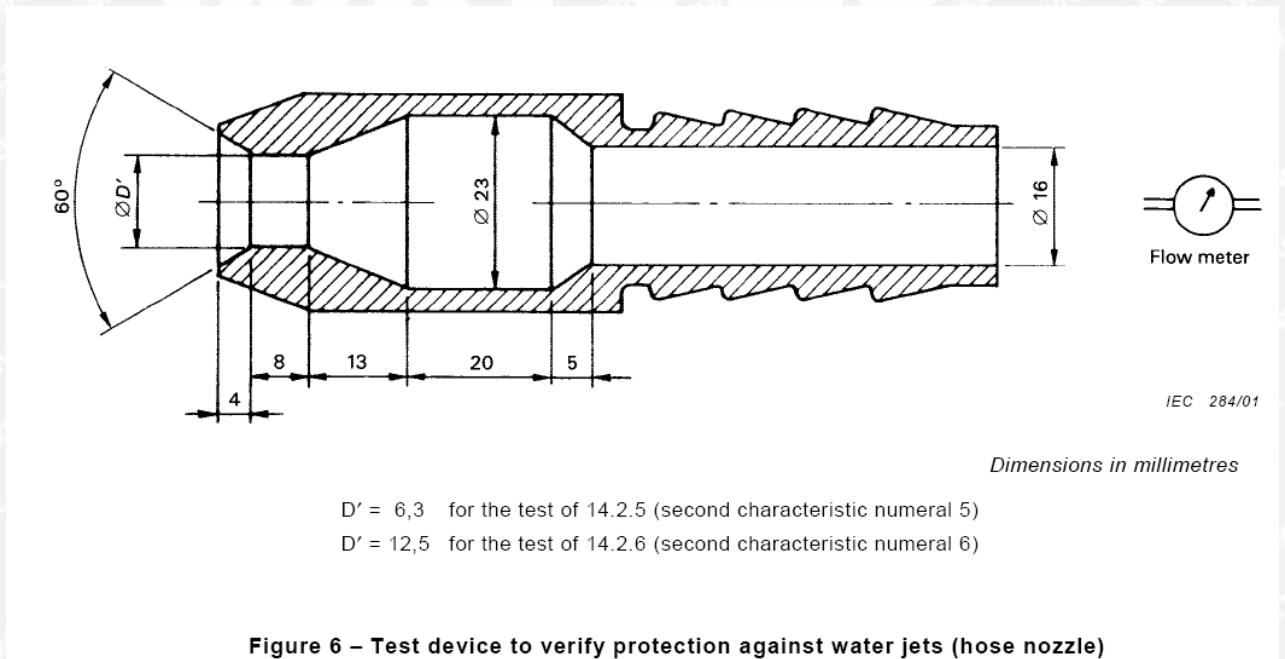




Photo Documentation:



Photo 1 -- Sample



Photo 2 -- Sample



Photo 3 -- Sample



Photo 4 -- Sample



Photo 5 -- Sample



Photo 6 -- Sample



Photo 7 -- Sample



Photo 8 -- Sample



Photo 9 -- Sample



Photo 10 -- Sample



Photo 11 -- Sample



Photo 12 -- Sample



Photo 13 -- Sample



Photo 14 -- Sample



Photo 15 -- Sample



Photo 16 -- Sample

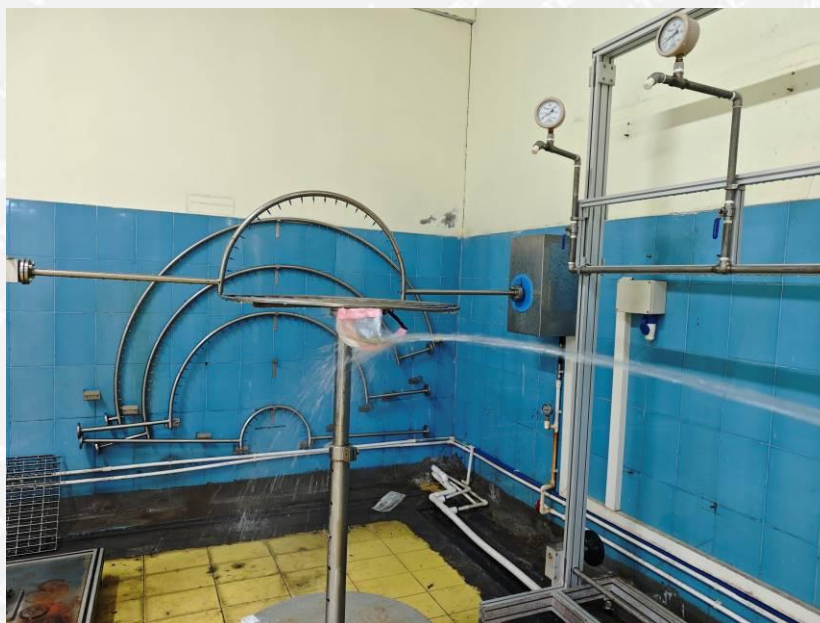


Photo 17 -- During the test



Photo 18 -- After the test



Photo 19 -- After the test



Photo 20 -- After the test



Photo 21 -- During the test



Photo 22 -- After the test



Photo 23 -- After the test



Photo 24 -- After the test



Equipment Used during Test :

| Equipment                                              | Model/Type | Cal. Date  |
|--------------------------------------------------------|------------|------------|
| Temperature and humidity of atmospheric pressure gauge | 622        | 2025-01-11 |
| IPX1-8 water-proof UL test equipment                   | KXT1318    | 2025-07-02 |
| Caliper                                                | CD-6 " CSX | 2025-01-06 |
| Clock                                                  | HS-70W     | 2025-01-11 |

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

WALTEK