



中国认可  
国际互认  
检测  
TESTING  
CNAS L6478



# TEST REPORT

**Reference No.** ..... : WTF20F08055782X1C

**Applicant** ..... : Mid Ocean Brands B.V.

**Address** ..... : 7/F., Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong

**Manufacturer** ..... : 113285

**Sample Name** ..... : Hand Cleanser Packaging

**Model No.** ..... : MO6130

**Test Requested** ..... : 1) In accordance with the EEC Commission Directive 94/62/EC and amendment directive 2013/2/EU on packaging and packaging waste  
2) 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

**Test Method** ..... : Please refer to next page (s)

**Test Conclusion** ..... : Please refer to next page (s)

**Date of Receipt sample** .... : 2020-08-14

**Date of Test**..... : 2020-08-14 to 2020-08-17

**Date of Issue**..... : 2020-08-18

**Test Result**..... : Please refer to next page (s)

**Note** ..... : This report is based on Waltek test report WTF20F08055782C for revising, and replaced report WTF20F08055782C.

**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 compiler and approver.  
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**Test Result:****1) Directive 94/62/EC and amendment directive 2013/2/EU on packaging and packaging waste**

Test Method: With reference to IEC 62321-5:2013, IEC62321-4:2013+AMD1:2017 CSV, IEC62321-7-1:2015 and IEC 62321-7-2:2017, total toxic elements and hexavalent chromium content were determined by inductively coupled plasma optical emission spectrometry (ICP-OES), and by uv-visible spectrophotometry (UV-VIS), respectively.

| Item                            | Result (mg/kg) |             |             | LOQ (mg/kg) | Limit (mg/kg) |
|---------------------------------|----------------|-------------|-------------|-------------|---------------|
|                                 | No.1           | No.2        | No.3        |             |               |
| Lead (Pb)                       | ND             | ND          | ND          | 2           | --            |
| Cadmium (Cd)                    | ND             | ND          | ND          | 2           | --            |
| Mercury (Hg)                    | ND             | ND          | ND          | 2           | --            |
| Chromium VI (Cr <sup>6+</sup> ) | ND             | ND          | ND          | 8           | --            |
| TOTAL                           | <14            | <14         | <14         | --          | 100           |
| <b>Conclusion</b>               | <b>Pass</b>    | <b>Pass</b> | <b>Pass</b> | --          | --            |

**Note:**

- (1) ND = Not Detected or lower than limit of quantitation
- (2) mg/kg = ppm
- (3) LOQ = Limit of quantitation
- (4) "--" = Not regulated

# WALTEK



## 2) Phthalates content

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

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

### Note:

DBP= Dibutyl phthalate

BBP= Benzyl butyl phthalate

DEHP= Bis-(2-ethylhexyl)- phthalate

DINP= Di-isononyl phthalate

DNOP= Di-n-octyl phthalate

DIDP= Di-isodecyl phthalate

DIBP= Diisobutyl phthalate

(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.

### Test Specimen Description:

No.1: White plastic lid

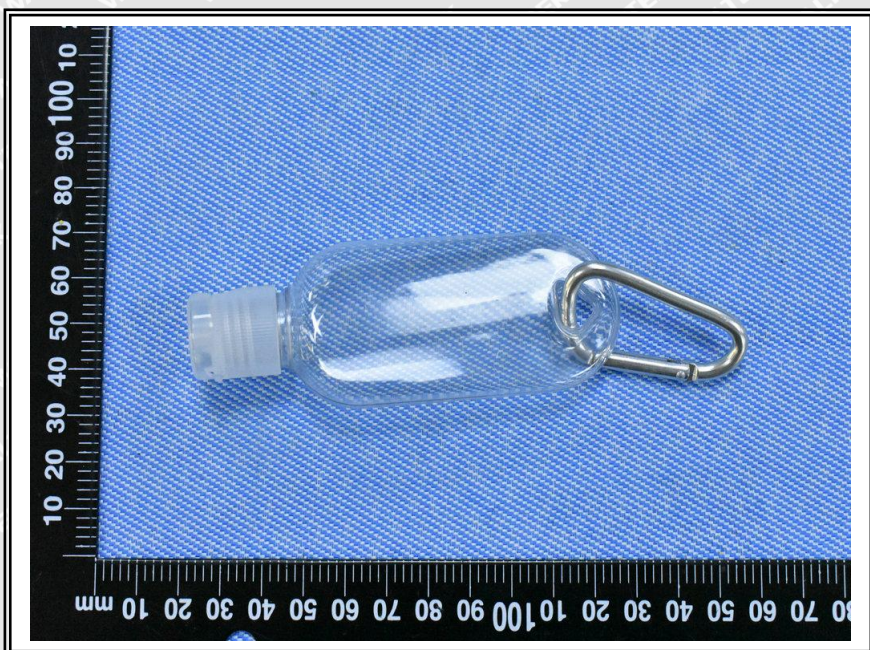
No.2: Transparent plastic bottle

No.3: Silvery metal buckle

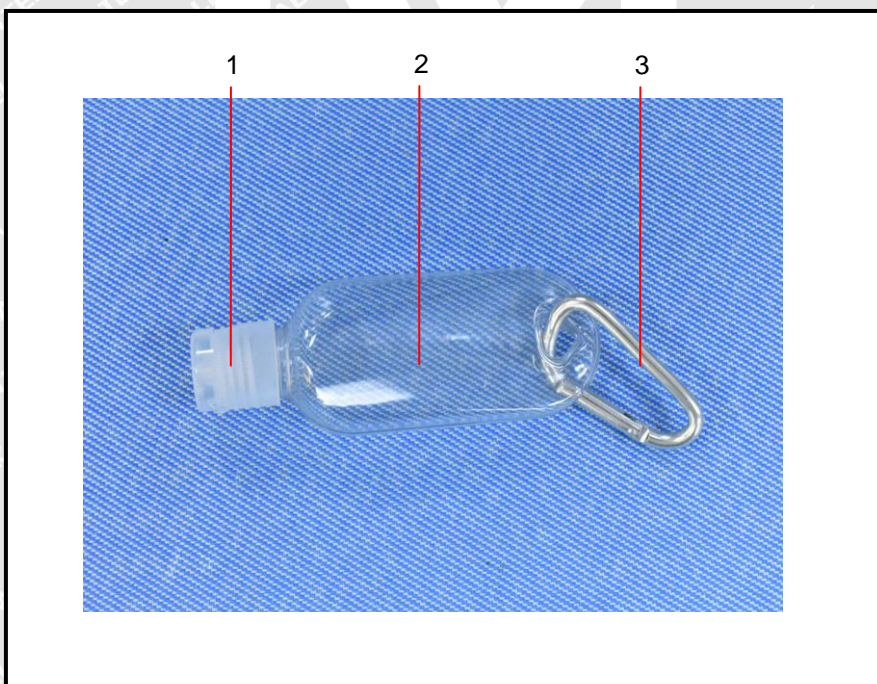




**Sample photo:**



**Photographs of parts tested:**



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