



**CENTRE OF TESTING SERVICE
INTERNATIONAL**

OPERATE ACCORDING TO ISO/IEC 17025

TEST REPORT

Test Report Number : CNB3180312-00549-C

**CTS (Ningbo) Testing Service Technology Co., Ltd.
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TEST REPORT

REPORT No. : CNB3180312-00549-C
 DATE : Mar. 26, 2018
 PAGE : 1 of 8

Table of contents

| | | |
|----------|--|----------|
| 1 | General Information | 2 |
| 1.1 | Application Details | 2 |
| 1.2 | Manufacturer & Buyer | 2 |
| 1.3 | Description of the Test Item | 2 |
| | | |
| 2 | Test Results | 3 |
| 2.1 | General Information | 3 |
| 2.1.1 | Sample Receiving Date | 3 |
| 2.1.2 | Testing Period | 3 |
| 2.1.3 | Test Requested | 3 |
| 2.1.4 | Test Method | 3 |
| 2.2 | Results | 4 |
| 2.2.1 | Cadmium Content | 4 |
| 2.2.2 | Benzene Content | 4 |
| 2.2.3 | Phthalates Content | 5 |
| 2.2.4 | DIBP Content | 6 |
| 2.2.5 | Polycyclic Aromatic Hydrocarbon (PAHs) Content | 7 |
| | | |
| 3 | Sample Reference Photo | 8 |

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TEST REPORT

REPORT No. : CNB3180312-00549-C
DATE : Mar. 26, 2018
PAGE : 2 of 8

1 General Information**1.1 Application Details**

Name : MIDOCEAN BRANDS B.V.
Address : HERMESWEG 9 3771 ND BARNEVELD THE NETHERLANDS
Contact : /
Telephone : /
Fax : /
Mobile telephone : /
Email : /

1.2 Manufacturer & Buyer

Manufacturer name : 111041
Address : /
Contact : /
Telephone : /
Fax : /
Mobile telephone : /
Email : /
Buyer name : /

1.3 Description of the Test Item

Sample name : PHOTO FRAME W/6PCS MARKER
Model No. : MO8668
Brand name : /
Condition of sample(s) : EFFECTIVE

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TEST REPORT

REPORT No. : CNB3180312-00549-C
DATE : Mar. 26, 2018
PAGE : 3 of 8

2 Test Results

2.1 General Information

2.1.1 Sample Receiving Date

Mar. 21, 2018

2.1.2 Testing Period

Mar. 21, 2018 to Mar. 26, 2018

2.1.3 Test Requested

Please refer to the following page(s)

2.1.4 Test Method

Please refer to the following page(s)

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TEST REPORT

REPORT No. : CNB3180312-00549-C
 DATE : Mar. 26, 2018
 PAGE : 4 of 8

2.2 Results

2.2.1 Cadmium Content

With reference to EN1122:2001B

| | Sample Description | Result (mg/kg) | Limit (mg/kg) | Conclusion |
|--------|-------------------------------------|----------------|---------------|------------|
| | | Cadmium (Cd) | | |
| #No.1 | Wood with black coating | N.D. | 100 | Pass |
| #No.2* | (Red/yellow/green) plastic (mixed) | N.D. | 100 | Pass |
| #No.3 | White plastic | N.D. | 100 | Pass |
| #No.4* | (Red/yellow/green) ink (mixed) | N.D. | 100 | Pass |
| #No.5 | Refill of watercolour pen | N.D. | 100 | Pass |
| No.6* | (Blue/orange/black) plastic (mixed) | N.D. | 100 | Pass |
| No.7* | (Blue/orange/black) ink (mixed) | N.D. | 100 | Pass |

- Note :
- 1mg/kg=1ppm=0.0001%
 - N.D. = not detected (less than 2 mg/kg)
 - The limit refers to ANNEX XVII of the REACH Regulation (EC) No.1907/2006 & Amendment No. 552/2009 (formerly known as Directive 91/338/EEC).
 - *The Testing results are based on the mixing of the sample which applicant required, the mixed test results in this test report do not represent individual content of a single material.
 - #The test results No.1-No.5 are taken from report CTS CNB3170918-03188-C-R1, Date:2018/01/15. In the event of any discrepancy, the report CNB3170918-03188-C-R1 shall prevail.

2.2.2 Benzene Content

With reference to EPA 5021, followed by analysis using Headspace/GC-MSD.

| | Sample Description | Result (mg/kg) | Limit (mg/kg) | MDL (mg/kg) | Conclusion |
|--------|------------------------------------|----------------|---------------|-------------|------------|
| | | Benzene | | | |
| #No.1 | Wood with black coating | N.D. | N.D. | 1 | Pass |
| #No.2* | (Red/yellow/green) plastic (mixed) | N.D. | N.D. | 1 | Pass |
| #No.3 | White plastic | N.D. | N.D. | 1 | Pass |
| #No.4* | (Red/yellow/green) ink (mixed) | N.D. | N.D. | 1 | Pass |

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TEST REPORT

REPORT No. : CNB3180312-00549-C
 DATE : Mar. 26, 2018
 PAGE : 5 of 8

| | | | | | |
|-------|-------------------------------------|------|------|---|------|
| No.6* | (Blue/orange/black) plastic (mixed) | N.D. | N.D. | 1 | Pass |
| No.7* | (Blue/orange/black) ink (mixed) | N.D. | N.D. | 1 | Pass |

- Note :
1. N.D.=Not Detected (less than MDL)
 2. 1mg/kg=1ppm=0.0001%
 3. MDL= Method Detect Limit
 4. The limit refers to ANNEX XVII of the REACH Regulation (EC) No.1907/2006 & Amendment No. 552/2009
 5. *The Testing results are based on the mixing of the sample which applicant required, the mixed test results in this test report do not represent individual content of a single material.
 6. #The test results No.1-No.4 are taken from report CTS CNB3170918-03188-C-R1, Date:2018/01/15. In the event of any discrepancy, the report CNB3170918-03188-C-R1 shall prevail.

2.2.3 Phthalates Content

With reference to EPA 3540C and EPA 8270D: Solvent extraction, followed by analysis using Gas Chromatography-Mass Spectrometry

| Sample Description | | Result (%) | | | Total (%) | Maximum Allowable Limit (%) | Conclusion |
|--------------------|-------------------------------------|------------|------|------|-----------|-----------------------------|------------|
| | | DEHP | DBP | BBP | | | |
| #No.1 | Wood with black coating | N.D. | N.D. | N.D. | N.D. | 0.1 | Pass |
| #No.2* | (Red/yellow/green) plastic (mixed) | N.D. | N.D. | N.D. | N.D. | 0.1 | Pass |
| #No.3 | White plastic | N.D. | N.D. | N.D. | N.D. | 0.1 | Pass |
| No.6* | (Blue/orange/black) plastic (mixed) | N.D. | N.D. | N.D. | N.D. | 0.1 | Pass |

| Sample Description | | Result (%) | | | Total (%) | Maximum Allowable Limit (%) | Conclusion |
|--------------------|-------------------------------------|------------|------|------|-----------|-----------------------------|------------|
| | | DINP | DNOP | DIDP | | | |
| #No.1 | Wood with black coating | N.D. | N.D. | N.D. | N.D. | 0.1 | Pass |
| #No.2* | (Red/yellow/green) plastic (mixed) | N.D. | N.D. | N.D. | N.D. | 0.1 | Pass |
| #No.3 | White plastic | N.D. | N.D. | N.D. | N.D. | 0.1 | Pass |
| No.6* | (Blue/orange/black) plastic (mixed) | N.D. | N.D. | N.D. | N.D. | 0.1 | Pass |

- Note : 1. N.D.=Not Detected (<MDL)

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TEST REPORT

REPORT No. : CNB3180312-00549-C
 DATE : Mar. 26, 2018
 PAGE : 6 of 8

2. 1mg/kg=1ppm=0.0001%
3. The limit refers to ANNEX XVII of the REACH Regulation (EC) No.1907/2006 & Amendment No. 552/2009 (formerly known as Directive 2005/84/EC).
4. *The Testing results are based on the mixing of the sample which applicant required, the mixed test results in this test report do not represent individual content of a single material.
5. #The test results No.1-No.3 are taken from report CTS CNB3170918-03188-C-R1, Date:2018/01/15. In the event of any discrepancy, the report CNB3170918-03188-C-R1 shall prevail.
6. The method detect limit for each Phthalates are:

| Method Detect Limit | | |
|---------------------|------------------------------------|--------|
| Phthalates | DEHP (Di- (2-ethylhexyl)phthalate) | 0.005% |
| | DBP (Dibutyl phthalate) | 0.005% |
| | BBP (Benzyl butyl phthalate) | 0.005% |
| | DINP (Di-isononyl phthalate) | 0.005% |
| | DNOP (Di-n-octyl phthalate) | 0.005% |
| | DIDP (Di-isodecyl phthalate) | 0.005% |

2.2.4 DIBP Content

With reference to EPA 3540C and EPA 8270D: Solvent extraction, followed by analysis using Gas Chromatography-Mass Spectrometry.

| | Sample Description | Result (%) | Limit (%) | Conclusion |
|--------|-------------------------------------|-----------------------------|-----------|------------|
| | | DIBP(Di-isobutyl phthalate) | | |
| #No.1 | Wood with black coating | N.D. | 0.1 | Pass |
| #No.2* | (Red/yellow/green) plastic (mixed) | N.D. | 0.1 | Pass |
| #No.3 | White plastic | N.D. | 0.1 | Pass |
| No.6* | (Blue/orange/black) plastic (mixed) | N.D. | 0.1 | Pass |

- Note :
1. 1mg/kg=1ppm=0.0001%
 2. N.D. = not detected (<MDL)
 3. The method detect limit is 0.005%
 4. The limit refers to SVHC of the REACH Regulation (EC) No.1907/2006.
 5. *The Testing results are based on the mixing of the sample which applicant required, the mixed test results in this test report do not represent individual content of a single material.
 6. #The test results No.1-No.3 are taken from report CTS CNB3170918-03188-C-R1, Date:2018/01/15. In the event of any discrepancy, the report CNB3170918-03188-C-R1 shall prevail.

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TEST REPORT

REPORT No. : CNB3180312-00549-C
 DATE : Mar. 26, 2018
 PAGE : 7 of 8

2.2.5 Polycyclic Aromatic Hydrocarbon (PAHs) Content

With reference to EPA 3540C and EPA 8270D: Solvent extraction, followed by analysis using Gas Chromatography-Mass Spectrometry

| Sample Description | #No.1 | Wood with black coating | | | | |
|---------------------------------|------------|-------------------------------------|-------|------|-------|-----------------------------------|
| | #No.2* | (Red/yellow/green) plastic (mixed) | | | | |
| | #No.3 | White plastic | | | | |
| | No.6* | (Blue/orange/black) plastic (mixed) | | | | |
| Compounds | CAS Number | Result (mg/kg) | | | | Maximum permissible limit (mg/kg) |
| | | No.1 | No.2* | No.3 | No.6* | |
| (1) Benz(a)anthracene (BaA) | 56-55-3 | N.D. | N.D. | N.D. | N.D. | <1.0 |
| (2) Chrysene (CHR) | 218-01-9 | N.D. | N.D. | N.D. | N.D. | <1.0 |
| (3) Benzo(b)fluoranthene (BbF) | 205-99-2 | N.D. | N.D. | N.D. | N.D. | <1.0 |
| (4) Benzo(k)fluoranthene (BkF) | 207-08-9 | N.D. | N.D. | N.D. | N.D. | <1.0 |
| (5) Benzo(a)pyrene (BaP) | 50-32-8 | N.D. | N.D. | N.D. | N.D. | <1.0 |
| (6) Dibenz(a,h)anthracene (DBA) | 53-70-3 | N.D. | N.D. | N.D. | N.D. | <1.0 |
| (7) Benzo(j)fluoranthene (BjF) | 205-82-3 | N.D. | N.D. | N.D. | N.D. | <1.0 |
| (8) Benzo(e)pyrene (BeP) | 192-97-2 | N.D. | N.D. | N.D. | N.D. | <1.0 |
| Conclusion | -- | Pass | Pass | Pass | Pass | -- |

- Note :
- 1 mg/kg=1 ppm=0.0001%.
 - Method detection limit of each of the individual compound is 0.1 mg/kg.
 - N.D. = not detected (less than MDL).
 - The limit refers to ANNEX XVII of the REACH Regulation (EC) No.1907/2006 & Amendment No. 552/2009 (REGULATION (EU) No 1272/2013).
 - *The Testing results are based on the mixing of the sample which applicant required, the mixed test results in this test report do not represent individual content of a single material.
 - #The test results No.1-No.3 are taken from report CTS CNB3170918-03188-C-R1, Date:2018/01/15. In the event of any discrepancy, the report CNB3170918-03188-C-R1 shall prevail.

Written by: *Jessie*

Inspected by: *Suzie*

Approved by: *Jan*



*** End of Report ***

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TEST REPORT

REPORT No. : CNB3180312-00549-C
DATE : Mar. 26, 2018
PAGE : 8 of 8

3 Sample Reference Photo



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