AT-1500

# TEST REPORT

| | | | |
|---|---|---|---|
| Company: | BIC Graphic | Test Report # | 16H-00621(A1) |
| Address: | 14421 Myerlake Circle<br>Clearwater<br>Florida<br>33760<br>United States (USA) | Date of Issue: | February 18, 2016 |
| | | Pages: | Page 1 of 12 |
| | | Date Received: | February 12, 2016 |

**SAMPLE INFORMATION:**

| | | | |
|---|---|---|---|
| Description: | Premium Stripe Reclining Chair | | |
| Assortment: | - | Purchase Order Number: | 6008 |
| Item No.: | 15733 | Country of Origin: | China |
| Country of Distribution: | United States, Canada | Labeled Age Grade: | - |
| Sample Submitted: | 3 pcs per style | Recommended Age Grade: | - |
| Testing Period: | 02/12/2016 – 02/18/2016 | Tested Age Grade: | - |

**OVERALL RESULT:** **PASS**

At the request of the client, the following tests were conducted:

| CONCLUSION | TEST(S) CONDUCTED |
|---|---|
| PASS | CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints & Surface Coatings |
| PASS | California Proposition 65, Total Lead in Paints & Surface Coatings |
| PASS | California Proposition 65, Total Lead in Metal / Plastic / Textile |
| PASS | California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP) |
| PASS | Canadian Toys Regulations (SOR/2011-17) Item 23, Total Lead and Mercury in Surface Coating Materials |
| PASS | Client's Stability and Loading Test# |

ANSECO GROUP (HK) LIMITED

Vincent Chow Wai Kit
Manager, Chemical Laboratory

ANSECO GROUP (HK) LIMITED

Stepford Ho King Ho
Leader, Physical Laboratory

*The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (*Certificate # *AT-1500.)* Test(s) marked with '#' is/are not covered under the scope of accreditation.
*The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.*

ANAB is recognized by ILAC, APLAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.

AT-1500

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| | | Pages: | Page 2 of 12 |
| | | Date Received: | February 12, 2016 |

**DETAILED RESULTS:**

**CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints & Surface Coatings**

Analysis performed by Inductively Coupled Plasma-Optical Emission Spectrometry to determine compliance with the above referenced regulations. [Referenced Test Method: CPSC-CH-E-1003-09.1]

| Specimen No. | 10a | --- | --- | --- | --- | **Limit** |
|---|---|---|---|---|---|---|
| Test Item | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | **Total (ppm)** |
| Total Pb | ND | --- | --- | --- | --- | **90** |
| **Conclusion** | PASS | --- | --- | --- | --- | |

*Note:*
Pb = Lead
ppm (Parts per million) = mg/kg (Milligrams per kilogram)
LT = Less than
ND = Not detected (Reporting Limit = 10ppm)
Composite results are based on specimen of least mass resulting in highest potential concentration.

**SPECIMEN DESCRIPTION:**

| Specimen No. | Specimen Description | Location |
|---|---|---|
| 10a | Gray coating | Gray metal legs (all styles) |

AT-1500

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| | | Pages: | Page 3 of 12 |
| | | Date Received: | February 12, 2016 |

**DETAILED RESULTS:**

**California Proposition 65, Total Lead in Paints & Surface Coatings**

Analysis performed by Inductively Coupled Plasma-Optical Emission Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-E-1003-09.1]

| Specimen No. | 10a | --- | --- | --- | --- | **Limit** |
|---|---|---|---|---|---|---|
| Test Item | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | **Total (ppm)** |
| Total Pb | ND | --- | --- | --- | --- | **90** |
| **Conclusion** | PASS | --- | --- | --- | --- | |

*Note:*
Pb = Lead
ppm (Parts per million) = mg/kg (Milligrams per kilogram)
LT = Less than
ND = Not detected (Reporting Limit = 10ppm)
Composite results are based on specimen of least mass resulting in highest potential concentration.

*Remark:*
The specification is quoted from client's requirement.

**SPECIMEN DESCRIPTION:**

| Specimen No. | Specimen Description | Location |
|---|---|---|
| 10a | Gray coating | Gray metal legs (all styles) |

AT-1500

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| | | Pages: | Page 4 of 12 |
| | | Date Received: | February 12, 2016 |

**DETAILED RESULTS:**

**California Proposition 65, Total Lead in Metal / Plastic / Textile**

Analysis performed by Inductively Coupled Plasma-Optical Emission Spectrometry to determine compliance with the above referenced specification.
[Referenced Test Method: CPSC-CH-E1001-08.2 (Metal) and/or CPSC-CH-E1002-08.2 (Non-Metal)]

| Specimen No. | 1 | 2 | 3 | 4 | 5 | **Limit** |
|---|---|---|---|---|---|---|
| Test Item | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | **Total (ppm)** |
| Total Pb | 23 | ND | ND | ND | 16 | **100** |
| **Conclusion** | PASS | PASS | PASS | PASS | PASS | |

| Specimen No. | 6 | 7 | 8 | 9 | 10b | **Limit** |
|---|---|---|---|---|---|---|
| Test Item | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | **Total (ppm)** |
| Total Pb | 19 | ND | ND | 16 | ND | **100** |
| **Conclusion** | PASS | PASS | PASS | PASS | PASS | |

| Specimen No. | 11 | 12 | 13 | 14 | 15 | **Limit** |
|---|---|---|---|---|---|---|
| Test Item | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | **Total (ppm)** |
| Total Pb | 16 | 22 | ND | 13 | ND | **100** |
| **Conclusion** | PASS | PASS | PASS | PASS | PASS | |

*Note:*
Pb = Lead
ppm (Parts per million) = mg/kg (Milligrams per kilogram)
LT = Less than
ND = Not detected (Reporting Limit = 10ppm)
Composite results are based on specimen of least mass resulting in highest potential concentration.

*Remark:*
The specification is quoted from client's requirement.

Specimen No.9 (Black hard plastic grommets (all styles)) is same material as specimen No.5.
Specimen No.11 (Black plastic supports (all styles)) is same material as specimen No.5.

AT-1500

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| | | Pages: | Page 5 of 12 |
| | | Date Received: | February 12, 2016 |

**DETAILED RESULTS:**

**California Proposition 65, Total Lead in Metal / Plastic / Textile**

Analysis performed by Inductively Coupled Plasma-Optical Emission Spectrometry to determine compliance with the above referenced specification.
[Referenced Test Method: CPSC-CH-E1001-08.2 (Metal) and/or CPSC-CH-E1002-08.2 (Non-Metal)]

| Specimen No. | 15a | 16 | 17 | 19a | 19b | **Limit** |
|---|---|---|---|---|---|---|
| Test Item | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | **Total (ppm)** |
| Total Pb | ND | ND | ND | ND | ND | **100** |
| **Conclusion** | PASS | PASS | PASS | PASS | PASS | |

| Specimen No. | 20 | --- | --- | --- | --- | **Limit** |
|---|---|---|---|---|---|---|
| Test Item | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | **Total (ppm)** |
| Total Pb | 81 | --- | --- | --- | --- | **100** |
| **Conclusion** | PASS | --- | --- | --- | --- | |

*Note:*
Pb = Lead
ppm (Parts per million) = mg/kg (Milligrams per kilogram)
LT = Less than
ND = Not detected (Reporting Limit = 10ppm)
Composite results are based on specimen of least mass resulting in highest potential concentration.

*Remark:*
The specification is quoted from client's requirement.

Specimen No.16 (Gray fabric (back of the chair) (all styles)) is same material as specimen No.15.

AT-1500

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| | | Pages: | Page 6 of 12 |
| | | Date Received: | February 12, 2016 |

**SPECIMEN DESCRIPTION:**

| Specimen No. | Specimen Description | Location |
|---|---|---|
| 1 | Dull black textile | Black webbing trim (all styles) |
| 2 | Black textile | Black fabric (black style) |
| 3 | Blue textile | Royal fabric (royal blue style) |
| 4 | Deep gray textile | Charcoal rip stop fabric (center accent) (all styles) |
| 5 | Black plastic | Black plastic pocket ring (all styles) |
| 6 | Matt black textile | Black webbing strap (bottle opener) (all styles) |
| 7 | Dull silvery metal | Silver metal bottle opener (all styles) |
| 8 | Flat black textile | Black insulated pocket (all styles) |
| 9 | Black plastic | Black hard plastic grommets (all styles) |
| 10b | Silvery metal | Gray metal legs (all styles) |
| 11 | Black plastic | Black plastic supports (all styles) |
| 12 | Off black textile | Black webbing cord (all styles) |
| 13 | Bright black textile | Black fabric (carry bag) (black style) |
| 14 | Dull matt black textile | Black webbing strap (carry bag) (all styles) |
| 15 | Gray textile | Gray fabric (carry bag) (black style) |
| 15a | Dull gray textile | Charcoal fabric (carry bag) (royal blue style) |
| 16 | Gray textile | Gray fabric (back of the chair) (all styles) |
| 17 | Black net textile | Black mesh pocket (all styles) |
| 19a | Dull black plastic with dull flat black textile | Hook and base of black Velcro (all styles) |
| 19b | Matt black plastic with matt flat black textile | Loop and base of black Velcro (all styles) |
| 20 | Flat black plastic | Black plastic adjuster on carrying bag (all styles) |

AT-1500

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| Address: | 14421 Myerlake Circle<br>Clearwater<br>Florida<br>33760<br>United States (USA) | Date of Issue: | February 18, 2016 |
| | | Pages: | Page 7 of 12 |
| | | Date Received: | February 12, 2016 |

**DETAILED RESULTS:**

**California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)**

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced specification. [Referenced Test Method: CPSC-CH-C1001-09.3]

| Specimen No. | 2 | 3 | 4 | 8 | 15 | |
|---|---|---|---|---|---|---|
| Test Item | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | **Limit (ppm)** |
| DBP | ND | ND | ND | ND | ND | **1000** |
| BBP | ND | ND | ND | ND | ND | **1000** |
| DEHP | ND | ND | ND | ND | ND | **1000** |
| DINP | ND | ND | ND | ND | ND | **1000** |
| DIDP | ND | ND | ND | ND | ND | **1000** |
| DnHP | ND | ND | ND | ND | ND | **1000** |
| **Conclusion** | PASS | PASS | PASS | PASS | PASS | |

*Note:*
DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate
DINP = Diisononyl phthalate, DIDP = Diisodecyl phthalate; DnHP = Di-n-hexyl phthalate
ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % w/w (Percent by weight)
LT = Less than
ND = Not detected (Reporting Limit = 100ppm)
Composite results are based on specimen of least mass resulting in highest potential concentration.

*Remark:*
The specification is quoted from client's requirement.

AT-1500

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| | | Pages: | Page 8 of 12 |
| | | Date Received: | February 12, 2016 |

**DETAILED RESULTS:**

**California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)**

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced specification. [Referenced Test Method: CPSC-CH-C1001-09.3]

| Specimen No. | 15a | 16 | --- | --- | --- | |
|---|---|---|---|---|---|---|
| Test Item | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | **Limit (ppm)** |
| DBP | ND | ND | --- | --- | --- | **1000** |
| BBP | ND | ND | --- | --- | --- | **1000** |
| DEHP | ND | ND | --- | --- | --- | **1000** |
| DINP | ND | ND | --- | --- | --- | **1000** |
| DIDP | ND | ND | --- | --- | --- | **1000** |
| DnHP | ND | ND | --- | --- | --- | **1000** |
| **Conclusion** | PASS | PASS | --- | --- | --- | |

*Note:*
DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate
DINP = Diisononyl phthalate, DIDP = Diisodecyl phthalate; DnHP = Di-n-hexyl phthalate
ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % w/w (Percent by weight)
LT = Less than
ND = Not detected (Reporting Limit = 100ppm)
Composite results are based on specimen of least mass resulting in highest potential concentration.

*Remark:*
The specification is quoted from client's requirement.

Specimen No.16 (Gray fabric (back of the chair) (all styles)) is same material as specimen No.15.

AT-1500

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| | | Pages: | Page 9 of 12 |
| | | Date Received: | February 12, 2016 |

**SPECIMEN DESCRIPTION:**

| Specimen No. | Specimen Description | Location |
|---|---|---|
| 2 | Black textile | Black fabric (black style) |
| 3 | Blue textile | Royal fabric (royal blue style) |
| 4 | Deep gray textile | Charcoal rip stop fabric (center accent) (all styles) |
| 8 | Flat black textile | Black insulated pocket (all styles) |
| 15 | Gray textile | Gray fabric (carry bag) (black style) |
| 15a | Dull gray textile | Charcoal fabric (carry bag) (royal blue style) |
| 16 | Gray textile | Gray fabric (back of the chair) (all styles) |

AT-1500

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| | | Pages: | Page 10 of 12 |
| | | Date Received: | February 12, 2016 |

**DETAILED RESULTS:**

**Canadian Toys Regulations (SOR/2011-17) Item 23, Total Lead and Mercury in Surface Coating Materials**

Analysis performed by Inductively Coupled Plasma-Optical Emission Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

| Specimen No. | 10a | --- | --- | --- | --- | **Limit** |
|---|---|---|---|---|---|---|
| Test Item | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | **Total (ppm)** |
| Total Pb | ND | --- | --- | --- | --- | **90** |
| Total Hg | ND | --- | --- | --- | --- | **10** |
| **Conclusion** | PASS | --- | --- | --- | --- | |

*Note:*
Pb = Lead; Hg = Mercury
ppm (Parts per million) = mg/kg (Milligrams per kilogram)
LT = Less than
ND = Not detected (Reporting Limit = 10ppm)
Composite results are based on specimen of least mass resulting in highest potential concentration.

**SPECIMEN DESCRIPTION:**

| Specimen No. | Specimen Description | Location |
|---|---|---|
| 10a | Gray coating | Gray metal legs (all styles) |

AT-1500

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| Address: | 14421 Myerlake Circle<br>Clearwater<br>Florida<br>33760<br>United States (USA) | Date of Issue: | February 18, 2016 |
| | | Pages: | Page 11 of 12 |
| | | Date Received: | February 12, 2016 |

**DETAILED RESULTS:**

**Client's Stability and Loading Test#**

| Test | Criteria | Conclusion | Observation |
|---|---|---|---|
| **Front Stability** (Chair) (In-house Method)<br><br>The sample shall be obstructed by 1 in. bar placed against the sample's front support members. A downward pulling force is then applied at an angle of 45 to the test platform until the sample tips forward | The tipping force shall not be less than 40% of the total samples weights | PASS | Weight of chair: 8.72 lbs.<br>40% of the total weight: 3.5 lbs.<br>Tipping force: 7.2 lbs. |
| **Rearward Stability** (In-house Method)<br><br>Min 30 lbs. pulling force when a 173 lbs. weight is placed on the seat (strap), tipping force is measured as pulled reward against 1 in. obstruction | The tipping force shall be min 30 lbs. | PASS | No tipping observed when 30 lbs. force applied. |
| **Seat Static Loading** (In-house Method)<br><br>Static load of 300 lbs. at the center of seating area for 1 minute | Shall not exceed 1/4 in. deformation and/or loss of function /or exhibit structure failure | PASS | No deformation, loss of function and structure failure. |

**SPECIMEN DESCRIPTION:**

| Specimen No. | Specimen Description | Location |
|---|---|---|
| 21 | Whole Chair | -- |

AT-1500

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| | | Pages: | Page 12 of 12 |
| | | Date Received: | February 12, 2016 |

**SAMPLE PHOTO:**


-End Report-