



# TEST REPORT

Test Report # 18H-006310 Date of Report Issue: September 6, 2018  
 Date of Sample Received: August 17, 2018 Pages: Page 1 of 10

## CLIENT INFORMATION:

Company: Hit Promotional Products  
 Recipient: Nathan Cotter  
 Recipient Email: ncotter@hitpromo.net



## SAMPLE INFORMATION:

|                          |                          |                        |                |
|--------------------------|--------------------------|------------------------|----------------|
| Description:             | Bamboo Storage Container | Purchase Order Number: | 271076         |
| Assortment:              | 1 color                  | Agent:                 | Brand New Days |
| SKU No.:                 | 2212                     | Country of Origin:     | China          |
| Factory No.:             | 106732                   | Labeled Age Grade:     | -              |
| Country of Distribution: | United States            | Recommended Age Grade: | -              |
| Quantity Submitted:      | 6 pcs                    | Tested Age Grade:      | -              |
| Testing Period:          | 08/20/2018 – 09/06/2018  |                        |                |

## OVERALL RESULT:



Refer to page 2 for test result summary and appropriate notes.

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**TEST RESULTS SUMMARY:**

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

| CONCLUSION | TEST(S) CONDUCTED  |
|------------|--|
| PASS       | CPSIA Section 101, Total Lead in Substrate Materials                               |
| PASS       | California Proposition 65, Total Lead in Substrate Materials                       |
| PASS       | Client's Requirement, Bisphenol A and Bisphenol S <sup>#</sup>                     |
| PASS       | FDA 21 CFR 177.1210, Closures with Sealing Gaskets <sup>#</sup>                    |
| PASS       | FDA 21 CFR 177.1520, Polypropylene Copolymers                                      |
| PASS       | FDA 21 CFR 178.3800, Preservatives for Wood – Pentachlorophenol (PCP) <sup>#</sup> |

**DETAILED RESULTS:****CPSIA Section 101, Total Lead in Substrate Materials**

Test Method: CPSC-CH-E1001-08.3 (Metal), CPSC-CH-E1002-08.3 (Non-Metal)

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

| Specimen No.      | 1               | 2               | 3               | 4               | 5               | Total<br>Limit<br>(ppm) |
|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------------|
| Test Item         | Result<br>(ppm) | Result<br>(ppm) | Result<br>(ppm) | Result<br>(ppm) | Result<br>(ppm) |                         |
| Total Lead (Pb)   | ND              | ND              | ND              | ND              | ND              | <b>100</b>              |
| <b>Conclusion</b> | PASS            | PASS            | PASS            | PASS            | PASS            |                         |

| Specimen No.      | 6               | 7               | 8               | 9               | ---             | Total<br>Limit<br>(ppm) |
|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------------|
| Test Item         | Result<br>(ppm) | Result<br>(ppm) | Result<br>(ppm) | Result<br>(ppm) | Result<br>(ppm) |                         |
| Total Lead (Pb)   | ND              | ND              | ND              | ND              | ---             | <b>100</b>              |
| <b>Conclusion</b> | PASS            | PASS            | PASS            | PASS            | ---             |                         |

*Note:*

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

**DETAILED RESULTS:****California Proposition 65, Total Lead in Substrate Materials**

Test Method: CPSC-CH-E1001-08.3 (Metal), CPSC-CH-E1002-08.3 (Non-Metal)

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

| Specimen No.      | 1               | 2               | 3               | 4               | 5               | Total<br>Limit<br>(ppm) |
|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------------|
| Test Item         | Result<br>(ppm) | Result<br>(ppm) | Result<br>(ppm) | Result<br>(ppm) | Result<br>(ppm) |                         |
| Total Lead (Pb)   | ND              | ND              | ND              | ND              | ND              | <b>100</b>              |
| <b>Conclusion</b> | PASS            | PASS            | PASS            | PASS            | PASS            |                         |

| Specimen No.      | 6               | 7               | 8               | 9               | ---             | Total<br>Limit<br>(ppm) |
|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------------|
| Test Item         | Result<br>(ppm) | Result<br>(ppm) | Result<br>(ppm) | Result<br>(ppm) | Result<br>(ppm) |                         |
| Total Lead (Pb)   | ND              | ND              | ND              | ND              | ---             | <b>100</b>              |
| <b>Conclusion</b> | PASS            | PASS            | PASS            | PASS            | ---             |                         |

**Note:**

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

**Remark:**

The specification is quoted from client's requirement.

**DETAILED RESULTS:****Client's Requirement, Bisphenol A and Bisphenol S**Test Method: In-House Method<sup>#</sup>

Analytical Method: Liquid Chromatography with Mass Spectrometry

| Specimen No.      |         | 1            | 2            | ---          | ---          | Limit (ppb) |
|-------------------|---------|--------------|--------------|--------------|--------------|-------------|
| Test Item         | CAS No. | Result (ppb) | Result (ppb) | Result (ppb) | Result (ppb) |             |
| Bisphenol A (BPA) | 80-05-7 | ND           | ND           | ---          | ---          | ND          |
| Bisphenol S (BPS) | 80-09-1 | ND           | ND           | ---          | ---          | ND          |
| <b>Conclusion</b> |         | PASS         | PASS         | ---          | ---          |             |

*Note:*ppb (Parts per billion) =  $\mu\text{g}/\text{kg}$  (Micrograms per kilogram)

NA = Not applicable

LT = Less than

ND = Not detected (Reporting limit: BPA = 1000 ppb; BPS = 200 ppb)



**DETAILED RESULTS:**

**FDA 21 CFR 177.1210, Closures with Sealing Gaskets**

Test Method: FDA 21 CFR 177.1210<sup>#</sup>

| Specimen No.               |                    |            | 2            | ---          |    |       |
|----------------------------|--------------------|------------|--------------|--------------|----|-------|
| Test Item                  | Test Condition     |            | Result (ppm) | Result (ppm) | RL | Limit |
|                            | Temp.              | Duration   |              |              |    |       |
| Distilled water extractive | 120 <sup>o</sup> F | 24 hours   | ND           | ---          | 10 | 50    |
| n-Heptane extractive       | 70 <sup>o</sup> F  | 30 minutes | 22           | ---          | 10 | 250   |
| <b>Conclusion</b>          |                    |            | PASS         | ---          |    |       |

*Note:*

Temp. = Temperature

<sup>o</sup>F = Degree Fahrenheit

ppm (Parts per million) = mg/kg (Milligrams per kilogram foodstuff)

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

*Remark:*

The specification is quoted from 21 CFR 177.1210 Table 2 Section 2.

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**DETAILED RESULTS:****FDA 21 CFR 177.1520, Polypropylene Copolymers**

Test Method: FDA 21 CFR 177.1520

| Specimen No.            |        |                                  | 1      | ---    | RL  | Limit     |
|-------------------------|--------|----------------------------------|--------|--------|-----|-----------|
| Test Item               | Temp.  | Duration                         | Result | Result |     |           |
| Density (g/cc)          | NA     | NA                               | 0.893  | ---    | NA  | 0.85-1.00 |
| n-Hexane extractive (%) | 50°C   | 2 hours                          | 2.9    | ---    | 0.4 | 5.5       |
| Xylene extractive (%)   | Reflux | 2 hours or until total dissolved | 2.2    | ---    | 1.0 | 30        |
| <b>Conclusion</b>       |        |                                  | PASS   | ---    |     |           |

**Note:**

Temp. = Temperature

°C = Degree Celsius

g/cc = Grams per cubic centimeter

% = Percent by weight

NA = Not applicable

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

**Remark:**

The specification is quoted from 21 CFR 177.1520 (c) 3.1a.

**DETAILED RESULTS:****FDA 21 CFR 178.3800, Preservatives for Wood – Pentachlorophenol (PCP)**Test Method: In-House Method<sup>#</sup>

Analytical Method: Gas Chromatography-Electron Capture Detector

| Specimen No.               | 10              | ---             | ---             | ---             | ---             | Limit<br>(ppm) |
|----------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|
| Test Item                  | Result<br>(ppm) | Result<br>(ppm) | Result<br>(ppm) | Result<br>(ppm) | Result<br>(ppm) |                |
| Pentachlorophenol<br>(PCP) | ND              | ---             | ---             | ---             | ---             | <b>50</b>      |
| <b>Conclusion</b>          | PASS            | ---             | ---             | ---             | ---             |                |

*Note:*

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 1.0 ppm)

*Remark:*

The specification is quoted from 21 CFR 178.3800(b).



**SPECIMEN DESCRIPTION:**

| Specimen No. | Specimen Description                | Location        |
|--------------|-------------------------------------|-----------------|
| 1            | Transparent plastic (PP-co)         | Inner container |
| 2            | Translucent soft plastic (Silicone) | Gasket          |
| 3            | Bright silvery metal                | Lid rod         |
| 4            | Shiny silvery metal                 | Container plate |
| 5            | Dull silvery metal                  | Axis            |
| 6            | Matt silvery metal                  | Hook            |
| 7            | Off silvery metal                   | Tongue of hook  |
| 8            | Light silvery metal                 | Post            |
| 9            | Deep silvery metal                  | Connecter       |
| 10           | Brown natural wood                  | Inner lid       |



**SAMPLE PHOTO:**



-End Report-