



TEST REPORT

Test Report # 18H-005824 Date of Report Issue: August 14, 2018
 Date of Sample Received: August 6, 2018 Pages: Page 1 of 11

CLIENT INFORMATION:

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



SAMPLE INFORMATION:

| | | | |
|--------------------------|-----------------------------|------------------------|--------------|
| Description: | 16oz. Cork Tumbler With Lid | Purchase Order Number: | 264907 |
| Assortment: | 2 colors | Agent: | Growth-Sonic |
| SKU No.: | 5324 | Country of Origin: | China |
| Factory No.: | 127959 | Labeled Age Grade: | - |
| Country of Distribution: | United States | Recommended Age Grade: | - |
| Quantity Submitted: | 5 pcs per style | Tested Age Grade: | - |
| Testing Period: | 08/06/2018 – 08/14/2018 | | |

OVERALL RESULT:



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

ANSECO GROUP (HK) LIMITED

Loska Yeung Lok Ka
 Assistant Manager, Chemical Laboratory

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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# |
| PASS | FDA 21 CFR 177.1210, Closures with Sealing Gaskets# |
| PASS | FDA 21 CFR 177.1520, Polypropylene Copolymers |
| PASS | Canadian Consumer Products Containing Lead (Contact with Mouth) Regulation SOR/2010-273 as Amended by SOR/2016-171, Total Lead in Accessible Substrates |

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**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. | 3+4+5 | 6+7+8 | 9 | --- | --- | Total Limit (ppm) |
|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------------|
| Test Item | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | |
| Total Lead (Pb) | ND | ND | ND | --- | --- | 100 |
| Conclusion | 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. | 3+4+5 | 6+7+8 | 9 | --- | --- | Total Limit (ppm) |
|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------------|
| Test Item | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | |
| Total Lead (Pb) | ND | ND | ND | --- | --- | 100 |
| Conclusion | 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[#]

Analytical Method: Liquid Chromatography with Mass Spectrometry

| Specimen No. | | 1 | 2 | 3 | 6 | Limit (ppb) |
|-------------------|---------|--------------|--------------|--------------|--------------|-------------|
| Test Item | CAS No. | Result (ppb) | Result (ppb) | Result (ppb) | Result (ppb) | |
| Bisphenol A (BPA) | 80-05-7 | ND | ND | ND | ND | ND |
| Bisphenol S (BPS) | 80-09-1 | ND | ND | ND | ND | ND |
| Conclusion | | PASS | PASS | PASS | PASS | |

| Specimen No. | | 7 | 8 | --- | --- | 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 |
| Conclusion | | PASS | PASS | --- | --- | |

Note:

ppb (Parts per billion) = µg/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[#]

| Specimen No. | | | 6 | --- | RL (ppm) | Limit (ppm) |
|----------------------------|----------------|------------------------|-----------------|-----------------|-------------|----------------|
| Test Item | Test Condition | | Result (ppm) | Result (ppm) | | |
| | Temp. | Duration | | | | |
| Distilled water extractive | Fill boiling | Until Cool to 100°F | ND | --- | 10 | 50 |
| Conclusion | | | PASS | --- | | |

Note:

Temp. = Temperature

°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.

**DETAILED RESULTS:****FDA 21 CFR 177.1210, Closures with Sealing Gaskets**Test Method: FDA 21 CFR 177.1210[#]

| Specimen No. | | | 7 | 8 | RL (ppm) | Limit (ppm) |
|----------------------------|----------------|------------------------|-----------------|-----------------|-------------|----------------|
| Test Item | Test Condition | | Result (ppm) | Result (ppm) | | |
| | Temp. | Duration | | | | |
| Distilled water extractive | Fill boiling | Until Cool to 100°F | ND | ND | 10 | 50 |
| Conclusion | | | PASS | PASS | | |

Note:

Temp. = Temperature

°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 3.

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

Test Method: FDA 21 CFR 177.1520

| Specimen No. | | | 1 | 2 | RL | Limit |
|-------------------------|--------|----------------------------------|--------|--------|-----|-----------|
| Test Item | Temp. | Duration | Result | Result | | |
| Density (g/cc) | NA | NA | 0.922 | 0.904 | NA | 0.85-1.00 |
| n-Hexane extractive (%) | 50°C | 2 hours | 1.3 | 1.2 | 0.4 | 5.5 |
| Xylene extractive (%) | Reflux | 2 hours or until total dissolved | 3.5 | 2.5 | 1.0 | 30 |
| Conclusion | | | PASS | PASS | | |

| Specimen No. | | | 3 | --- | RL | Limit |
|-------------------------|--------|----------------------------------|--------|--------|-----|-----------|
| Test Item | Temp. | Duration | Result | Result | | |
| Density (g/cc) | NA | NA | 0.906 | --- | NA | 0.85-1.00 |
| n-Hexane extractive (%) | 50°C | 2 hours | 0.8 | --- | 0.4 | 5.5 |
| Xylene extractive (%) | Reflux | 2 hours or until total dissolved | 2.2 | --- | 1.0 | 30 |
| Conclusion | | | 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:

Canadian Consumer Products Containing Lead (Contact with Mouth) Regulation SOR/2010-273 as Amended by SOR/2016-171, Total Lead in Accessible Substrates

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. | 3+4+5 | 6+7+8 | 9 | --- | --- | Total Limit (ppm) |
|-------------------|--------------|--------------|--------------|--------------|--------------|-------------------|
| Test Item | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | |
| Total Lead (Pb) | ND | ND | ND | --- | --- | 90 |
| Conclusion | PASS | PASS | PASS | --- | --- | |

Note:

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LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

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**SPECIMEN DESCRIPTION:**

| Specimen No. | Specimen Description | Location |
|--------------|-------------------------------------|-------------------------|
| 1 | Black plastic (PP-co) | Lid (black style) |
| 2 | White plastic (PP-co) | Lid (white style) |
| 3 | Brown plastic (PP-co) | Inner body (all styles) |
| 4 | Black plastic (PP-co) | Lid/ flip (black style) |
| 5 | White plastic (PP-co) | Lid/ flip (white style) |
| 6 | Translucent soft plastic (Silicone) | Gasket (all styles) |
| 7 | Black soft plastic (TPR) | Stopper (black style) |
| 8 | Off white soft plastic (TPR) | Stopper (white style) |
| 9 | Brown composite cork | Outer body (all styles) |



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SAMPLE PHOTO:



-End Report-

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