

## TEST REPORT

Test Report # 21H-000144 Date of Report Issue: January 19, 2021  
Date of Sample Received: January 11, 2021 Pages: Page 1 of 11

### CLIENT INFORMATION:

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



### SAMPLE INFORMATION:

Description: SWIGGY COLLAPSIBLE BOTTLE  
Assortment: 4 colors Purchase Order Number: 370004  
SKU No.: 5592 Agent: 5 - BrandNewDays  
Factory No.: 106779 Country of Origin: China  
Country of Distribution: United States Labeled Age Grade: -  
Quantity Submitted: 5 pcs per style Recommended Age Grade: -  
Testing Period: 01/11/2021 – 01/19/2021 Tested Age Grade: -

### OVERALL RESULT:

 **PASS**

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

QIMA Testing (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 <sup>#φ</sup>                          |
| PASS       | FDA 21 CFR 180.22 and 181.32, Acrylonitrile/Butadiene/Styrene Copolymers                 |
| PASS       | FDA 21 CFR 177.2600, Rubber  |
| PASS       | Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content |

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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.      | 1            | 2+3          | 4+5          | 6            | ---          | Total Limit (ppm) |
|-------------------|--------------|--------------|--------------|--------------|--------------|-------------------|
| Test Item         | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) |                   |
| Total Lead (Pb)   | ND           | ND           | ND           | ND           | ---          | 100               |
| <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.

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**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          | 6            | ---          | Total Limit (ppm) |
|-------------------|--------------|--------------|--------------|--------------|--------------|-------------------|
| Test Item         | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) |                   |
| Total Lead (Pb)   | ND           | ND           | ND           | ND           | ---          | 100               |
| <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>#φ</sup>  
 Analytical Method: Liquid Chromatography with Mass Spectrometry or  
 Liquid Chromatography with Mass Spectrometry Mass Spectrometry

| Specimen No.      |         | 1            | 2            | 3            | 4            | Limit (ppb) |
|-------------------|---------|--------------|--------------|--------------|--------------|-------------|
| Test Item         | CAS No. | Result (ppb) | Result (ppb) | Result (ppb) | Result (ppb) |             |
| Bisphenol A (BPA) | 80-05-7 | ND           | ND           | ND           | ND           | 1000        |
| Bisphenol S (BPS) | 80-09-1 | ND           | ND           | ND           | ND           | 200         |
| <b>Conclusion</b> |         | PASS         | PASS         | PASS         | PASS         |             |

| Specimen No.      |         | 5            | ---          | ---          | ---          | Limit (ppb) |
|-------------------|---------|--------------|--------------|--------------|--------------|-------------|
| Test Item         | CAS No. | Result (ppb) | Result (ppb) | Result (ppb) | Result (ppb) |             |
| Bisphenol A (BPA) | 80-05-7 | ND           | ---          | ---          | ---          | 1000        |
| Bisphenol S (BPS) | 80-09-1 | ND           | ---          | ---          | ---          | 200         |
| <b>Conclusion</b> |         | 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)

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**DETAILED RESULTS:**

**FDA 21 CFR 180.22 and 181.32, Acrylonitrile/Butadiene/Styrene Copolymers**

Test Method: FDA 21 CFR 180.22 and 181.32  
Analytical Method: Headspace-Gas Chromatography with Mass Spectrometry

Acrylonitrile Monomers:

| Specimen No.                                     |                | 1        |        | RL           | Limit        |
|--|----------------|----------|--------|--------------|--------------|
| Test Simulant                                    | Test Condition |          | Result |              |              |
|  | Temp.          | Duration |        |              |              |
| Distilled water extractive (mg/in <sup>2</sup> ) | 120°F          | 2 hours  | ND     | <b>0.001</b> | <b>0.003</b> |
| 3% Acetic acid extractive (mg/in <sup>2</sup> )  | 120°F          | 2 hours  | ND     | <b>0.001</b> | <b>0.003</b> |
| <b>Conclusion</b>                                |                |          | PASS   |              |              |

*Note:*

Temp. = Temperature  
°F = Degree Fahrenheit  
mg/in<sup>2</sup> = Milligrams per square inch  
LT = Less than  
ND = Not detected. Result value is less than reporting limit (RL).

*Remark:*

The specification is quoted from 21 CFR 181.32 (b) (3).

**DETAILED RESULTS:**

**FDA 21 CFR 177.2600, Rubber**

Test Method: FDA 21 CFR 177.2600

| Specimen No.                                     |                |                    | 2      | RL         | Limit     |
|--|----------------|--------------------|--------|------------|-----------|
| Test Item  | Test Condition |                    | Result |            |           |
|  | Temp.          | Duration           |        |            |           |
| Distilled water extractive (mg/in <sup>2</sup> ) | Reflux         | First 7 hours      | ND     | <b>2</b>   | <b>20</b> |
| Distilled water extractive (mg/in <sup>2</sup> ) | Reflux         | Succeeding 2 hours | ND     | <b>0.1</b> | <b>1</b>  |
| <b>Conclusion</b>                                |                |                    | PASS   |            |           |

| Specimen No.                                     |                |                    | 3      | RL         | Limit     |
|--|----------------|--------------------|--------|------------|-----------|
| Test Item  | Test Condition |                    | Result |            |           |
|  | Temp.          | Duration           |        |            |           |
| Distilled water extractive (mg/in <sup>2</sup> ) | Reflux         | First 7 hours      | ND     | <b>2</b>   | <b>20</b> |
| Distilled water extractive (mg/in <sup>2</sup> ) | Reflux         | Succeeding 2 hours | ND     | <b>0.1</b> | <b>1</b>  |
| <b>Conclusion</b>                                |                |                    | PASS   |            |           |

**Note:**

Temp. = Temperature

mg/in<sup>2</sup> = Milligrams per square inch

LT = Less than

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

**Remark:**

The specification is quoted from 21 CFR 177.2600 (e).

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**DETAILED RESULTS:**

**FDA 21 CFR 177.2600, Rubber**

Test Method: FDA 21 CFR 177.2600

| Specimen No.                                     |                |                    | 4      | RL         | Limit     |
|--|----------------|--------------------|--------|------------|-----------|
| Test Item  | Test Condition |                    | Result |            |           |
|  | Temp.          | Duration           |        |            |           |
| Distilled water extractive (mg/in <sup>2</sup> ) | Reflux         | First 7 hours      | ND     | <b>2</b>   | <b>20</b> |
| Distilled water extractive (mg/in <sup>2</sup> ) | Reflux         | Succeeding 2 hours | ND     | <b>0.1</b> | <b>1</b>  |
| <b>Conclusion</b>                                |                |                    | PASS   |            |           |

| Specimen No.                                     |                |                    | 5      | RL         | Limit     |
|--|----------------|--------------------|--------|------------|-----------|
| Test Item  | Test Condition |                    | Result |            |           |
|  | Temp.          | Duration           |        |            |           |
| Distilled water extractive (mg/in <sup>2</sup> ) | Reflux         | First 7 hours      | ND     | <b>2</b>   | <b>20</b> |
| Distilled water extractive (mg/in <sup>2</sup> ) | Reflux         | Succeeding 2 hours | ND     | <b>0.1</b> | <b>1</b>  |
| <b>Conclusion</b>                                |                |                    | PASS   |            |           |

**Note:**

Temp. = Temperature

mg/in<sup>2</sup> = Milligrams per square inch

LT = Less than

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

**Remark:**

The specification is quoted from 21 CFR 177.2600 (e).

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**DETAILED RESULTS:**

**Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content**

Test Method: ASTM F963-17 Clause 8.3.1  
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

| Specimen No.      | 1                 | 2+3               | 4+5               | ---               | ---               | Limit<br>(mg/kg) |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|
| Test Item         | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) |                  |
| Total Lead (Pb)   | ND                | ND                | ND                | ---               | ---               | <b>90</b>        |
| <b>Conclusion</b> | PASS              | PASS              | PASS              | ---               | ---               |                  |

*Note:*

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

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**SPECIMEN DESCRIPTION:**

| Specimen No. | Specimen Description          | Location                       |
|--------------|-------------------------------|--------------------------------|
| 1            | Black plastic (ABS)           | Inner lid/ collar (all styles) |
| 2            | Red soft plastic (Silicone)   | Bottle body (RED style)        |
| 3            | Blue soft plastic (Silicone)  | Bottle body (BLUE style)       |
| 4            | Black soft plastic (Silicone) | Bottle body (BLACK style)      |
| 5            | White soft plastic (Silicone) | Bottle body (WHITE style)      |
| 6            | Silvery metal                 | Lid (all styles)               |

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**SAMPLE PHOTO:**



-End Report-

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