



19H-007562

# **TEST REPORT**

Test Report # 19H-007562 Date of Report Issue: October 22, 2019

Date of Sample Received: October 11, 2019 Pages: Page 1 of 13

**CLIENT INFORMATION:** 

Company: Hit Promotional Products

Recipient: Nathan Cotter

Recipient Email: ncotter@hitpromo.net

**SAMPLE INFORMATION:** 

Description: WHEAT DOUBLE WALL TUMBLER W/ STRAW

Assortment: 5 colors Purchase Order Number: 325211

SKU No.: 5541 Agent: Brand New Days

Factory No.: 106788 Country of Origin: China

Country of Distribution: United States Labeled Age Grade: -

Quantity Submitted: 6 pcs per style + 1 lot Parts Recommended Age Grade: -

Testing Period: 10/14/2019 – 10/21/2019 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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ANAB is recognized by ILAC, APAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.

Test(s) marked with '\psi' was subcontracted to external 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#φ
PASS	FDA 21 CFR 177.1210, Closures with Sealing Gaskets#
PASS	FDA 21 CFR 177.1520, Polypropylene Copolymers
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.	6+7	8+9	10	11		Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND	ND	ND	ND		100
Conclusion	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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CS-HK-RE005-HITP



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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.	6+7	8+9	10	11		Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND	ND	ND	ND		100
Conclusion	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.



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### **DETAILED RESULTS:**

### Client's Requirement, Bisphenol A and Bisphenol S

Test Method: In-House Method#

Analytical Method: Liquid Chromatography with Mass Spectrometry or

Liquid Chromatography with Mass Spectrometry Mass Spectrometry

Specimen	No.	1	2	3	4	
Test Item	CAS No.	Result (ppb)	Result (ppb)	Result (ppb)	Result (ppb)	Limit (ppb)
Bisphenol A (BPA)	80-05-7	ND	ND	ND	ND	ND
Bisphenol S (BPS)	80-09-1	ND	ND	ND	ND	ND
Conclusi	ion	PASS	PASS	PASS	PASS	

Specimen	No.	5	11			
Test Item	CAS No.	Result (ppb)	Result (ppb)	Result (ppb)	Result (ppb)	Limit (ppb)
Bisphenol A (BPA)	80-05-7	ND	ND			ND
Bisphenol S (BPS)	80-09-1	ND	ND			ND
Conclus	ion	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)

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#### **DETAILED RESULTS:**

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

FDA 21 CFR 177.1210# Test Method:

Specime	11					
Tost Itom	Test Condition		Result	Result	RL	Limit
Test Item	Temp.	Duration	(ppm)	(ppm)	(ppm)	(ppm)
Distilled water extractive	120°F	24 hours	18		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.



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### **DETAILED RESULTS:**

### FDA 21 CFR 177.1520, Polypropylene Copolymers

Test Method: FDA 21 CFR 177.1520

Specimen No.			1	2		
Test Item	Temp.	Duration	Result	Result	RL	Limit
n-Hexane extractive (%)	50°C	2 hours	3.9	4.1	0.4	5.5
Xylene extractive (%)	Reflux	2 hours or until total dissolved	7.9	6.8	1.0	30
		Conclusion	PASS	PASS		

Specimen No.			3	4		
Test Item	Temp.	Duration	Result	Result	RL	Limit
n-Hexane extractive (%)	50°C	2 hours	4.2	4.5	0.4	5.5
Xylene extractive (%)	Reflux	2 hours or until total dissolved	7.4	7.5	1.0	30
		Conclusion	PASS	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.

By client's request, density was not conducted in FDA 21 CFR 177.1520 PP-co.

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### **DETAILED RESULTS:**

### FDA 21 CFR 177.1520, Polypropylene Copolymers

Test Method: FDA 21 CFR 177.1520

Speci	5					
Test Item	Temp.	Duration	Result	Result	RL	Limit
n-Hexane extractive (%)	50°C	2 hours	4.1		0.4	5.5
Xylene extractive (%)	Reflux	2 hours or until total dissolved	7.7		1.0	30
	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.

By client's request, density was not conducted in FDA 21 CFR 177.1520 PP-co.

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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.	6+7	8+9	10	11		
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Limit (mg/kg)
Total Lead (Pb)	ND	ND	ND	ND		90
Conclusion	PASS	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 mg/kg)

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

Test(s) marked with ' $\phi$ ' was subcontracted to external laboratory.



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### **SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Orange plastic (35% Wheat Fibre, 65% Polypropylene)	Inner wall/ lid/ straw (orange style)
2	Green plastic (35% Wheat Fibre, 65% Polypropylene)	Inner wall/ lid/ straw (lime style)
3	Blue plastic (35% Wheat Fibre, 65% Polypropylene)	Inner wall/ lid/ straw (blue style)
4	Grey plastic (35% Wheat Fibre, 65% Polypropylene)	Inner wall/ lid/ straw (gray style)
5	Beige plastic (35% Wheat Fibre, 65% Polypropylene)	Inner wall/ lid/ straw (white style)
6	Orange plastic (35% Wheat Fibre, 65% Polypropylene)	Inner wall/ lid/ straw/ outer wall (orange style)
7	Green plastic (35% Wheat Fibre, 65% Polypropylene)	Inner wall/ lid/ straw/ outer wall (lime style)
8	Blue plastic (35% Wheat Fibre, 65% Polypropylene)	Inner wall/ lid/ straw/ outer wall (blue style)
9	Grey plastic (35% Wheat Fibre, 65% Polypropylene)	Inner wall/ lid/ straw/ outer wall (gray style)
10	Beige plastic (35% Wheat Fibre, 65% Polypropylene)	Inner wall/ lid/ straw/ outer wall (white style)
11	Translucent soft plastic (Silicone)	Gasket (all styles)



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### **SAMPLE PHOTO:**





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### **SAMPLE PHOTO:**





-End Report-

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