





# **TEST REPORT**

Test Report # 16H-05234 Date of Report Issue: August 25, 2016 Date of Sample Received: August 17, 2016 Pages: Page 1 of 15

**CLIENT INFORMATION:** 

Company: Hit Promotional Products

Recipient: Nathan Cotter

**Recipient Email:** ncotter@hitpromo.net

**SAMPLE INFORMATION:** 

Description: 24oz. Shaker Bottle

Assortment: 5 Colors Purchase Order Number: 176027

SKU No.: 5978 **Growth-Sonic** Agent:

Factory No.: 127875 Country of Origin: China

Labeled Age Grade: Country of Distribution: **United States** 

**Quantity Submitted:** 5 pcs (Orange, Green), 4

> pcs (Turquoise, Purple), 3 pcs (red) + 1 lot Parts

**Testing Period:** 08/17/2016 - 08/25/2016

Recommended Age Grade:

Tested Age Grade:

**OVERALL RESULT:** 

P PASS

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

ANSECO GROUP (HK) LIMITED

Vincent Chow Wai Kit

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	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

#### Remark:

CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings and Canadian Surface Coating Materials Regulations SOR/2016-193, Total Lead and Mercury in Paints and Surface Coatings were not conducted as no paint and similar surface coating found on received sample.

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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+7	13+14+15	16+17+18	Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	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:**

Client's Requirement: Bisphenol A and Bisphenol S

Test Method: AI|ANSECO Method#

Analytical Method: Liquid Chromatography with Mass Spectrometry

Specimen	No.	6	7	8	9	
Test Item	CAS No.	Result	Result	Result	Result	Limit
restitem	CAS NO.	(ppb)	(ppb)	(ppb)	(ppb)	(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.		10	11	12	13	
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
Conclus	ion	PASS	PASS	PASS	PASS	

#### Note:

ppb (Parts per billion) = μg/kg (Micrograms per kilogram)

LT = Less than

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

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### **DETAILED RESULTS:**

Client's Requirement: Bisphenol A and Bisphenol S

Test Method: AI|ANSECO Method#

Analytical Method: Liquid Chromatography with Mass Spectrometry

Specimen	No.	14	15	16	17	
Test Item	CAS No.	Result	Result	Result	Result	Limit
rest item	CAS NO.	(ppb)	(ppb)	(ppb)	(ppb)	(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.	18				
Test Item CAS No.	Result	Result	Result	Result	Limit	
restricin	CAS NO.	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
Bisphenol A (BPA)	80-05-7	ND				ND
Bisphenol S (BPS)	80-09-1	ND				ND
Conclus	ion	PASS				

#### Note:

ppb (Parts per billion) = μg/kg (Micrograms per kilogram)

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

Test Method: FDA 21 CFR 177.1210#

Specimen No	13				
Test Item	Test Co	Test Condition		DI	Limit
restitem	Temp.	Duration	Result	RL	Limit
Distilled water extractive (ppm)	Fill boiling, cool to 100°F	140 minutes	ND	10	50
n-Heptane extractive (ppm)	120°F	15 minutes	ND	10	50
Conclusion	PASS				

Specimen No	14				
Test Item	Test Co	Test Condition		RL	Limit
rest item	Temp.	Duration	Result	KL	LITTIL
Distilled water extractive (ppm)	Fill boiling, cool to 100°F	140 minutes	ND	10	50
n-Heptane extractive (ppm)	120°F	15 minutes	10	10	50
Conclusion	PASS				

### Note:

Temp. = Temperature

°F = Degree Fahrenheit

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

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 177.1210, Closures with Sealing Gaskets

Test Method: FDA 21 CFR 177.1210#

Specimen No	15				
Test Item	Test Co	Test Condition		DI	Limit
restitem	Temp.	Duration	Result	RL	Limit
Distilled water extractive (ppm)	Fill boiling , cool to 100°F	140 minutes	ND	10	50
n-Heptane extractive (ppm)	120°F	15 minutes	ND	10	50
Conclusion	PASS				

Specimen No	16				
Test Item	Test Co	Test Condition		RL	Limit
resciteiti	Temp.	Duration	Result	KL	LITTIL
Distilled water extractive (ppm)	Fill boiling , cool to 100°F	140 minutes	ND	10	50
n-Heptane extractive (ppm)	120°F	15 minutes	10	10	50
Conclusion	PASS				

### Note:

Temp. = Temperature

°F = Degree Fahrenheit

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

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 177.1210, Closures with Sealing Gaskets

Test Method: FDA 21 CFR 177.1210#

Specimen No	17				
Test Item	Test Condition		Result	RL	Limit
restitem	Temp.	Duration	Result	KL	Limit
Distilled water extractive (ppm)	Fill boiling , cool to 100°F	140 minutes	ND	10	50
n-Heptane extractive (ppm)	120°F	15 minutes	ND	10	50
Conclusion	PASS				

Specimen No	18				
Test Item	Test Co	Test Condition		RL	Limit
rescitein	Temp.	Duration	Result	KL	LITTIL
Distilled water extractive (ppm)	Fill boiling , cool to 100°F	140 minutes	ND	10	50
n-Heptane extractive (ppm)	120°F	15 minutes	ND	10	50
Conclusion	PASS				

## Note:

Temp. = Temperature

°F = Degree Fahrenheit

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

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 N	6				
Test Item	Test Co	Test Condition		DI	Limit
restitem	Temp.	Duration	Result	RL	Limit
Density (g/cc)	NA	NA	0.903	NA	0.85 - 1.00
n-Hexane extractive (% w/w)	50 °C	2 hours	0.4	0.4	5.5
Xylene extractive (% w/w)	25 °C 1 hour		6.1	1	30
Conclusion	PASS				

Specimen No	7				
Test Item	Test Condition		Danielt	]	Limit
rescitein	Temp.	Duration	Result	RL	Limit
Density (g/cc)	NA	NA	0.898	NA	0.85 – 1.00
n-Hexane extractive (% w/w)	50 °C	2 hours	3.0	0.4	5.5
Xylene extractive (% w/w)	ractive (% w/w) 25 °C 1 hour		2.1	1	30
Conclusion	PASS				

### Note:

Temp. = Temperature

°C = Degree Celsius

g/cc = Grams per cubic centimeter

% w/w = 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.

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### **DETAILED RESULTS:**

### FDA 21 CFR 177.1520, Polypropylene Copolymers

Test Method: FDA 21 CFR 177.1520

Specimen N	8				
Test Item	Test Condition		Result	D.	Limit
Test item	Temp.	Duration	Result	RL	Limit
Density (g/cc)	NA	NA	0.906	NA	0.85 - 1.00
n-Hexane extractive (% w/w)	50 °C	2 hours	0.5	0.4	5.5
Xylene extractive (% w/w)	25 °C 1 hour		2.7	1	30
Conclusion	PASS				

Specimen No	9				
Test Item	Test Condition		Danielt	]	Limit
Test item	Temp.	Duration	Result	RL	Limit
Density (g/cc)	NA	NA	0.904	NA	0.85 – 1.00
n-Hexane extractive (% w/w)	50 °C	2 hours	0.4	0.4	5.5
Xylene extractive (% w/w)	25 °C 1 hour		3.3	1	30
Conclusion	PASS				

### Note:

Temp. = Temperature

°C = Degree Celsius

g/cc = Grams per cubic centimeter

% w/w = 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.

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### **DETAILED RESULTS:**

### FDA 21 CFR 177.1520, Polypropylene Copolymers

Test Method: FDA 21 CFR 177.1520

Specimen N	10				
Test Item	Test Condition		Result	DI	Limit
Test item	Temp.	Duration	Result	RL	Limit
Density (g/cc)	NA	NA	0.903	NA	0.85 - 1.00
n-Hexane extractive (% w/w)	50 °C	2 hours	0.5	0.4	5.5
Xylene extractive (% w/w)	25 °C 1 hour		3.4	1	30
Conclusion	PASS				

Specimen No	11				
Test Item	Test Condition		Result	D.	Limit
rest item	Temp.	Duration	Result	RL	Limit
Density (g/cc)	NA	NA	0.904	NA	0.85 – 1.00
n-Hexane extractive (% w/w)	50 °C	2 hours	0.5	0.4	5.5
Xylene extractive (% w/w)	xtractive (% w/w) 25 °C 1 hour		4.0	1	30
Conclusion	PASS				

### Note:

Temp. = Temperature

°C = Degree Celsius

g/cc = Grams per cubic centimeter

% w/w = 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.

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### **DETAILED RESULTS:**

### FDA 21 CFR 177.1520, Polypropylene Copolymers

Test Method: FDA 21 CFR 177.1520

Specimen No	12				
Test Item	Test Condition		Result	RL	Limit
rest item	Temp.	Duration	Result	KL	LIMIL
Density (g/cc)	NA	NA	0.904	NA	0.85 – 1.00
n-Hexane extractive (% w/w)	50 °C	2 hours	0.4	0.4	5.5
Xylene extractive (% w/w)	25 °C	1 hour	4.3	1	30
Conclusion	PASS				

### Note:

Temp. = Temperature

°C = Degree Celsius

g/cc = Grams per cubic centimeter

% w/w = Percent by weight

NA = Not applicable

LT = Less than

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

### Remark:

CS-HK-RE005-HITP

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Ver.06



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### **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.	1+2+3	4+5	6+7	13+14+15	16+17+18	Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND	ND	ND	ND	ND	90
Conclusion	PASS	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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### **SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Red plastic	Flip top/ divider (red style)
2	Orange plastic	Flip top/ divider (orange style)
3	Green plastic	Flip top/ divider (green style)
4	Blue plastic	Flip top/ divider (turquoise style)
5	Purple plastic	Flip top/ divider (purple style)
6	Black plastic (PP-co)	Lid (all styles)
7	Translucent plastic (PP-co)	Body (all styles)
8	Red plastic (PP-co)	Divider (red style)
9	Orange plastic (PP-co)	Divider (orange style)
10	Green plastic (PP-co)	Divider (green style)
11	Blue plastic (PP-co)	Divider (turquoise style)
12	Purple plastic (PP-co)	Divider (purple style)
13	Translucent soft plastic (Silicone)	Gasket (all styles)
14	Red soft plastic (TPR)	Stopper (red style)
15	Orange soft plastic (TPR)	Stopper (orange style)
16	Green soft plastic (TPR)	Stopper (green style)
17	Blue soft plastic (TPR)	Stopper (turquoise style)
18	Purple soft plastic (TPR)	Stopper (purple style)

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### **SAMPLE PHOTO:**



-End Report-

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