

## TEST REPORT

Company: Hit Promotional Products  
 Recipient: Doug Donnell  
 Recipient Email: doug@hitpromo.net  
 cc to Email: -

Test Report # 14H-00211  
 Date of Issue: February 26, 2014  
 Pages: Page 1 of 8  
 Date Received: January 29, 2014

### SAMPLE INFORMATION:

Description:	16 oz. Tumblers w/ Sleeve		
Assortment:	7 colors	Purchase Order Number:	104428
SKU No.:	5852	Agent:	Growth-Sonic
Factory No.:	127827	Country of Origin:	China
Country of Distribution:	United States	Labeled Age Grade:	-
Quantity Submitted:	5 pcs per style	Recommended Age Grade:	-
Testing Period:	02/17/2014 – 02/26/2014	Tested Age Grade:	-

### OVERALL RESULT:

PASS

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	Total Bisphenol A Content
PASS	FDA 21 CFR 177.1210, Closures with Sealing Gaskets for Food Containers
PASS	FDA 21 CFR 180.22 and 181.32, Acrylonitrile/Styrene Copolymer

ANSECO GROUP (HK) LIMITED



Vincent Chow Wai Kit  
 Manager, Chemical Laboratory

*The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.*

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### DETAILED RESULTS:

#### CPSIA Section 101, Total Lead in Substrate Materials

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-E1002-08.2 (Non-Metal)]

Specimen No.	1+2+3	4+5+6	7+8	9+10+11	12+13	Limit Total (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Pb	LT 20	LT 20	LT 20	LT 20	LT 20	<b>100</b>
<b>Conclusion</b>	PASS	PASS	PASS	PASS	PASS	

Specimen No.	14+15+16	---	---	---	---	Limit Total (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Pb	LT 20	---	---	---	---	<b>100</b>
<b>Conclusion</b>	PASS	---	---	---	---	

*Note:*

Pb = Lead

mg/kg = Milligram per kilogram

LT = Less Than

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### DETAILED RESULTS:

#### Total Bisphenol A Content

Analysis performed by High Performance Liquid Chromatography with solvents extraction to determine compliance with the above specification. [Referenced Test Method: ANSECO Method<sup>#</sup>]

Specimen No.	1	2	3	4	5	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	<b>Total (mg/kg)</b>
Total Bisphenol A	ND	ND	ND	ND	ND	<b>ND</b>
<b>Conclusion</b>	PASS	PASS	PASS	PASS	PASS	

Specimen No.	6	7	8	9	10	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	<b>Total (mg/kg)</b>
Total Bisphenol A	ND	ND	ND	ND	ND	<b>ND</b>
<b>Conclusion</b>	PASS	PASS	PASS	PASS	PASS	

Specimen No.	11	12	13	14	15	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	<b>Total (mg/kg)</b>
Total Bisphenol A	ND	ND	ND	ND	ND	<b>ND</b>
<b>Conclusion</b>	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16	---	---	---	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	<b>Total (mg/kg)</b>
Total Bisphenol A	ND	---	---	---	---	<b>ND</b>
<b>Conclusion</b>	PASS	---	---	---	---	

*Note:*

mg/kg = Milligram per kilogram

LT = Less Than

ND = Not Detected (Detection limit = 1 mg/kg)

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### DETAILED RESULTS:

#### FDA 21 CFR 177.1210, Closures with Sealing Gaskets for Food Containers

Analysis performed by food simulating solvents extractions to determine compliance with above referenced regulation. [Referenced Test Method: FDA 21 CFR 177.1210#]

Specimen No.			1	---	Specification
Test Item	Test Condition		Result	Result	
	Temperature	Duration			
Distilled water extractive (ppm)	Fill boiling, cool to 100°F	50 minutes	LT 10	---	<b>50</b>
<b>Conclusion</b>			PASS	---	

*Note:*

ppm = part per million  
 °F = Degree Fahrenheit  
 LT = Less Than

*Remark:*

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

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### DETAILED RESULTS:

#### FDA 21 CFR 180.22 and 181.32, Acrylonitrile/Styrene Copolymer

Analysis performed by food simulating solvents extractions to determine compliance with above referenced regulation. [Referenced Test Method: FDA 21 CFR 180.22<sup>#</sup> and 181.32<sup>#</sup>]

#### Acrylonitrile Monomers:

Specimen No.			9	10	Specification
Test Item	Test Condition		Result	Result	
	Temperature	Duration			
Distilled water extractive (mg/in <sup>2</sup> )	120°F	4 hours	LT 0.002	LT 0.002	<b>0.003</b>
n-Heptane extractive (mg/in <sup>2</sup> )	120°F	4 hours	LT 0.002	LT 0.002	<b>0.003</b>
8% Ethanol extractive (mg/in <sup>2</sup> )	120°F	4 hours	LT 0.002	LT 0.002	<b>0.003</b>
3% Acetic acid extractive (mg/in <sup>2</sup> )	120°F	4 hours	LT 0.002	LT 0.002	<b>0.003</b>
<b>Conclusion</b>			PASS	PASS	

Specimen No.			11	12	Specification
Test Item	Test Condition		Result	Result	
	Temperature	Duration			
Distilled water extractive (mg/in <sup>2</sup> )	120°F	4 hours	LT 0.002	LT 0.002	<b>0.003</b>
n-Heptane extractive (mg/in <sup>2</sup> )	120°F	4 hours	LT 0.002	LT 0.002	<b>0.003</b>
8% Ethanol extractive (mg/in <sup>2</sup> )	120°F	4 hours	LT 0.002	LT 0.002	<b>0.003</b>
3% Acetic acid extractive (mg/in <sup>2</sup> )	120°F	4 hours	LT 0.002	LT 0.002	<b>0.003</b>
<b>Conclusion</b>			PASS	PASS	

**Note:**

mg/in<sup>2</sup> = Milligram per square inch  
 °F = Degree Fahrenheit  
 LT = Less Than

**Remark:**

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

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### DETAILED RESULTS:

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Analysis performed by food simulating solvents extractions to determine compliance with above referenced regulation. [Referenced Test Method: FDA 21 CFR 180.22<sup>#</sup> and 181.32<sup>#</sup>]

#### Acrylonitrile Monomers:

Specimen No.			13	14	Specification
Test Item	Test Condition		Result	Result	
	Temperature	Duration			
Distilled water extractive (mg/in <sup>2</sup> )	120°F	4 hours	LT 0.002	LT 0.002	<b>0.003</b>
n-Heptane extractive (mg/in <sup>2</sup> )	120°F	4 hours	LT 0.002	LT 0.002	<b>0.003</b>
8% Ethanol extractive (mg/in <sup>2</sup> )	120°F	4 hours	LT 0.002	LT 0.002	<b>0.003</b>
3% Acetic acid extractive (mg/in <sup>2</sup> )	120°F	4 hours	LT 0.002	LT 0.002	<b>0.003</b>
<b>Conclusion</b>			PASS	PASS	

Specimen No.			15	---	Specification
Test Item	Test Condition		Result	Result	
	Temperature	Duration			
Distilled water extractive (mg/in <sup>2</sup> )	120°F	4 hours	LT 0.002	---	<b>0.003</b>
n-Heptane extractive (mg/in <sup>2</sup> )	120°F	4 hours	LT 0.002	---	<b>0.003</b>
8% Ethanol extractive (mg/in <sup>2</sup> )	120°F	4 hours	LT 0.002	---	<b>0.003</b>
3% Acetic acid extractive (mg/in <sup>2</sup> )	120°F	4 hours	LT 0.002	---	<b>0.003</b>
<b>Conclusion</b>			PASS	---	

**Note:**

mg/in<sup>2</sup> = Milligram per square inch  
 °F = Degree Fahrenheit  
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**Remark:**

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

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### SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Translucent soft plastic (Silicone)	Gasket (all styles)
2	Red soft plastic (Silicone)	Grip (red style)
3	Orange soft plastic (Silicone)	Grip (orange style)
4	Green soft plastic (Silicone)	Grip (green style)
5	Blue soft plastic (Silicone)	Grip (blue style)
6	Purple soft plastic (Silicone)	Grip (purple style)
7	Brown soft plastic (Silicone)	Grip (blue style)
8	Black soft plastic (Silicone)	Grip (black style)
9	Transparent red plastic (AS)	Inner wall/ lid/ slider (red style)
10	Transparent orange plastic (AS)	Inner wall/ lid/ slider (orange style)
11	Transparent green plastic (AS)	Inner wall/ lid/ slider (green style)
12	Transparent blue plastic (AS)	Inner wall/ lid/ slider (blue style)
13	Transparent purple plastic (AS)	Inner wall/ lid/ slider (purple style)
14	Transparent brown plastic (AS)	Inner wall/ lid/ slider (brown style)
15	Transparent black plastic (AS)	Inner wall/ lid/ slider (black style)
16	Transparent plastic (AS)	Outer wall (all styles)

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### SAMPLE PHOTO:



-End Report-

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