







Hit Promotional Products 14H-04476 Company: Test Report #

Recipient: Doug Donnell Date of Issue: February 10, 2015

Recipient Email: doug@hitpromo.net Page 1 of 10 Pages:

cc to Email: nbarahona@hitpromo.net Date Received: December 19, 2014

SAMPLE INFORMATION:

Description: 16oz Snack Tumbler

Assortment: 6 colors Purchase Order Number: 130055

SKU No.: Growth-Sonic 5947 Agent:

Factory No.: 127756 Country of Origin: China

Country of Distribution: Labeled Age Grade: **United States** Quantity Submitted: 5 pcs per style + 1 lot Recommended Age Grade:

Straw

01/22/2015 - 01/30/2015 **Testing Period:** Tested Age Grade:

02/09/2015 - 02/10/2015

**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	Client's Requirement: Bisphenol A#
PASS	FDA 21 CFR 177.1210, Closures with Sealing Gaskets for Food Containers#
PASS	FDA 21 CFR 177.1520, Polypropylene Homopolymers
PASS	FDA 21 CFR 177.1640, Polystyrene#
PASS	FDA 21 CFR 180.22 and 181.32, Acrylonitrile/Butadiene/Styrene Copolymers

ANSECO GROUP (HK) LIMITED

Vincent Chow Wai Kit

Manager, Chemical Laboratory

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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-E1001-08.2 (Metal) and/or CPSC-CH-E1002-08.2 (Non-Metal)]

Specimen No.	1	2+3+4	5+6+7	14+15+16	17+18+19	Limit
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Total (ppm)
Total Pb	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	20+21	22	23			Limit
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Total (ppm)
Total Pb	ND	ND	ND			100
Conclusion	PASS	PASS	PASS			

## Note:

Pb = Lead

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

LT = Less than

ND = Not detected (Reporting Limit = 20ppm)

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

## Data Consolidation Reference

Specimen No.	Transferr	Transferred from				
Specimen No.	Report #	Specimen #	Date of Issue			
23	14H-04509	12	February 05, 2015			

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Test Report # 14H-04476

Date of Issue: February 10, 2015

Pages: Page 3 of 10

Date Received: December 19, 2014

## **DETAILED RESULTS:**

# Client's Requirement: Bisphenol A

Analysis performed by High Performance Liquid Chromatography with Fluorescence Detector to determine compliance with the above specification. [Referenced Test Method: ANSECO Method\*]

Specimen No.	1	8	9	10	11	
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Bisphenol A	ND	ND	ND	ND	ND	ND
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	12	13	14	15	22	
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Bisphenol A	ND	ND	ND	ND	ND	ND
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	23					
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Bisphenol A	ND					ND
Conclusion	PASS					

### Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram) ND = Not Detected (Reporting limit = 1ppm)

### **Data Consolidation Reference**

Specimen No.	Transferr	ed from	Date of Issue
Specimen No.	Report #	Specimen #	Date of Issue
23	14H-04509	12	February 05, 2015

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Recipient Email: doug@hitpromo.net Pages: Page 4 of 10

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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#]

Specime	1				
Toot Itom	Test Condition		Docult	DI	Chasification
Test Item	Temperature	Duration	Result	RL	Specification
Distilled water extractive (ppm)	Fill boiling, cool to 100°F	70 minutes	25	10	50
Conclu	PASS				

### Note:

°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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Ver.01

14H-04476

# TEST REPORT

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Recipient Email: doug@hitpromo.net Page 5 of 10 Pages:

cc to Email: nbarahona@hitpromo.net Date Received: December 19, 2014

### **DETAILED RESULTS:**

# FDA 21 CFR 177.1520, Polypropylene Homopolymers

Analysis performed by food simulating solvents extractions to determine compliance with above referenced regulation. [Referenced Test Method: FDA 21 CFR 177.1520]

Specime	22				
Test Item	Test Co	ndition	Result	RL	Specification
rest item	Temperature	Duration	Resuit	KL	Specification
Density (g/cc)	NA	NA	0.901	NA	0.880-0.913
Melting point (°C)	NA	NA	164.5	NA	150-180
n-Hexane extractive (% w/w)	Reflux	2 hours	0.8	0.1	6.4
Xylene extractive (% w/w)	25°C	1 hour	2.8	0.5	9.8
Conclu	PASS				

Specime	23				
Test Item	Test Co	ndition	Result	RL	Specification
rest item	Temperature	Duration	Result	KL	Specification
Density (g/cc)	NA	NA	0.894	NA	0.880-0.913
Melting point (°C)	NA	NA	166.3	NA	150-180
n-Hexane extractive (% w/w)	Reflux	2 hours	0.2	0.1	6.4
Xylene extractive (% w/w)	25°C	1 hour	0.9	0.5	9.8
Conclu	PASS				

Note:

°C = Degree Celsius

g/cc = Grams per cubic centimeter

% w/w = Percent by weight

NA = Not applicable

LT = Less than

CS-HK-RE005-HITP

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

Remark:

The specification is quoted from 21 CFR 177.1520 (c) 1.1.

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AT-1500

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14H-04476

Date of Issue:

February 10, 2015

Ver.01

Pages: Page 6 of 10

Date Received: December 19, 2014

# **Data Consolidation Reference**

CS-HK-RE005-HITP

Specimen No	Transferre	Data of Issue	
Specimen No.	Report #	Specimen #	Date of Issue
23	14H-04509	12	February 05, 2015

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Test Report #



February 10, 2015

14H-04476

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cc to Email: nbarahona@hitpromo.net Date Received: December 19, 2014

## **DETAILED RESULTS:**

# FDA 21 CFR 177.1640, Polystyrene

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: FDA 21 CFR 177.1640<sup>#</sup>]

Specimen No.	8	9	10	
Test Item	Result	Result	Result	Specification
Total residual styrene monomer (% w/w)	ND	ND	ND	1.0
Conclusion	PASS	PASS	PASS	

Specimen No.	11	12	13	
Test Item	Result	Result	Result	Specification
Total residual styrene monomer (% w/w)	ND	ND	ND	1.0
Conclusion	PASS	PASS	PASS	

Specimen No.	14			
Test Item	Result	Result	Result	Specification
Total residual styrene monomer (% w/w)	ND			1.0
Conclusion	PASS			

Note:

% w/w = Percentage by weight

ND = Not Detected (Reporting limit = 0.05 % w/w)

Remark:

The specification is quoted from 21 CFR 177.1640 (c) (1).

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### **DETAILED RESULTS:**

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

Analysis performed by food simulating solvents extractions and Headspace-Gas Chromatography/Mass Spectrometry to determine compliance with above referenced regulation. [Referenced Test Method: FDA 21 CFR 180.22 and 181.32]

## **Acrylonitrile Monomers:**

Specimen No.			15		
Test Item	Test Condition		Result	RL	Specification
Test Item	Temperature	Duration	Result	KL	Specification
Distilled water extractive (mg/in²)	120°F	2 hours	ND	0.001	0.003
3% Acetic acid extractive (mg/in²)	120°F	2 hours	ND	0.001	0.003
Conclusion			PASS		

### Note:

°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).

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Test Report # 14H-04476

Date of Issue: February 10, 2015

Pages: Page 9 of 10

Date Received: December 19, 2014

# **SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Translucent soft plastic (Silicone)	Gasket (all styles)
2	Transparent red plastic	Outer body/ lid (red style)
3	Transparent orange plastic	Outer body/ lid (orange style)
4	Transparent green plastic	Outer body/ lid (green style)
5	Transparent blue plastic	Outer body/ lid (blue style)
6	Transparent pink plastic	Outer body/ lid (pink style)
7	Transparent black plastic	Outer body/ lid (black style)
8	Transparent red plastic (PS)	Lid (red style)
9	Transparent orange plastic (PS)	Lid (orange style)
10	Transparent green plastic (PS)	Lid (green style)
11	Transparent blue plastic (PS)	Lid (blue style)
12	Transparent pink plastic (PS)	Lid (pink style)
13	Transparent black plastic (PS)	Lid (black style)
14	Transparent plastic (PS)	Inner body (all styles)
15	White plastic (ABS)	Snack cup (all styles)
16	Red plastic	Band (red style)
17	Orange plastic	Band (orange style)
18	Green plastic	Band (green style)
19	Blue plastic	Band (blue style)
20	Pink plastic	Band (pink style)
21	Black plastic	Band (black style)
22	Dull white plastic (PP-homo)	Straw (all styles)
23	Translucent plastic (PP-homo)	Ring of straw (all styles)

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nbarahona@hitpromo.net

doug@hitpromo.net

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Date of Issue: February 10, 2015

Pages: Page 10 of 10

Date Received: December 19, 2014

# **SAMPLE PHOTO:**



-End Report-

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