

TEST REPORT

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

Test Report # 14H-04509
 Date of Issue: February 05, 2015
 Pages: Page 1 of 11
 Date Received: December 23, 2014

SAMPLE INFORMATION:

Description:	16 oz Clear Juicer Tumbler		
Assortment:	4 colors	Purchase Order Number:	130272
SKU No.:	5957	Agent:	Growth-Sonic
Factory No.:	127756	Country of Origin:	China
Country of Distribution:	United States	Labeled Age Grade:	-
Quantity Submitted:	5 pcs per style + 2 lots Parts	Recommended Age Grade:	-
Testing Period:	01/15/2015 – 01/23/2015 01/30/2015 – 02/05/2015	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	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.	2+3+4	5+6+7	8+9+10	11	12	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.	13	---	---	---	---	Limit
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Total (ppm)
Total Pb	ND	---	---	---	---	100
Conclusion	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.

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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	3	8	9	10	Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Bisphenol A	ND	ND	ND	ND	ND	ND
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	11	12	13	---	---	Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Bisphenol A	ND	ND	ND	---	---	ND
Conclusion	PASS	PASS	PASS	---	---	

Note:

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

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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.			13	RL	Specification
Test Item	Test Condition		Result		
	Temperature	Duration			
Distilled water extractive (ppm)	Fill boiling, cool to 100°C	70 minutes	ND	10	50
Conclusion			PASS		

Note:

°C = Degree Celcius
 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 Homopolymers

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

Specimen No.			8	RL	Specification
Test Item	Test Condition		Result		
	Temperature	Duration			
Density (g/cc)	NA	NA	0.903	NA	0.880-0.913
Melting point (°C)	NA	NA	167.3	NA	150-180
n-Hexane extractive (% w/w)	Reflux	2 hours	0.4	0.1	6.4
Xylene extractive (% w/w)	25°C	1 hour	1.5	0.5	9.8
Conclusion			PASS		

Specimen No.			9	RL	Specification
Test Item	Test Condition		Result		
	Temperature	Duration			
Density (g/cc)	NA	NA	0.905	NA	0.880-0.913
Melting point (°C)	NA	NA	167.1	NA	150-180
n-Hexane extractive (% w/w)	Reflux	2 hours	0.4	0.1	6.4
Xylene extractive (% w/w)	25°C	1 hour	1.4	0.5	9.8
Conclusion			PASS		

Note:

°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) 1.1.

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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]

Specimen No.			10	RL	Specification
Test Item	Test Condition		Result		
	Temperature	Duration			
Density (g/cc)	NA	NA	0.903	NA	0.880-0.913
Melting point (°C)	NA	NA	168.1	NA	150-180
n-Hexane extractive (% w/w)	Reflux	2 hours	0.3	0.1	6.4
Xylene extractive (% w/w)	25°C	1 hour	1.3	0.5	9.8
Conclusion			PASS		

Specimen No.			11	RL	Specification
Test Item	Test Condition		Result		
	Temperature	Duration			
Density (g/cc)	NA	NA	0.904	NA	0.880-0.913
Melting point (°C)	NA	NA	167.8	NA	150-180
n-Hexane extractive (% w/w)	Reflux	2 hours	0.5	0.1	6.4
Xylene extractive (% w/w)	25°C	1 hour	1.4	0.5	9.8
Conclusion			PASS		

Note:

- °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) 1.1.

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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]

Specimen No.		12		RL	Specification
Test Item	Test Condition		Result		
	Temperature	Duration			
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
Conclusion			PASS		

Note:

°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) 1.1.

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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[#]]

Specimen No.	1	---	---	---	---	Specification (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
Styrene	ND	---	---	---	---	1.0
Conclusion	PASS	---	---	---	---	

Note:

% w/w = Percent by weight

LT = Less than

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.		3		RL	Specification
Test Item	Test Condition		Result		
	Temperature	Duration			
Distilled water extractive (mg/in ²)	120°F	2 hours	ND	0.001	0.003
3% Acetic acid extractive (mg/in ²)	120°F	2 hours	ND	0.001	0.003
Conclusion			PASS		

Note:

°F = Degree Fahrenheit
 mg/in² = 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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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Transparent plastic (PS)	Inner wall of tumbler (all styles)
2	Transparent plastic (PS)	Tumbler/ lid (all styles)
3	White plastic (ABS)	Juice squeezer (all styles)
4	Orange plastic	Band of tumbler (orange style)
5	Yellow plastic	Band of tumbler (yellow style)
6	Green plastic	Band of tumbler (green style)
7	Blue plastic	Band of tumbler (blue style)
8	Dull orange plastic (PP-homo)	Straw (orange style)
9	Dull yellow plastic (PP-homo)	Straw (yellow style)
10	Dull green plastic (PP-homo)	Straw (green style)
11	Dull blue plastic (PP-homo)	Straw (blue style)
12	Translucent plastic (PP-homo)	Ring of straw (all styles)
13	Translucent soft plastic (Silicone)	Gaskets (all styles)

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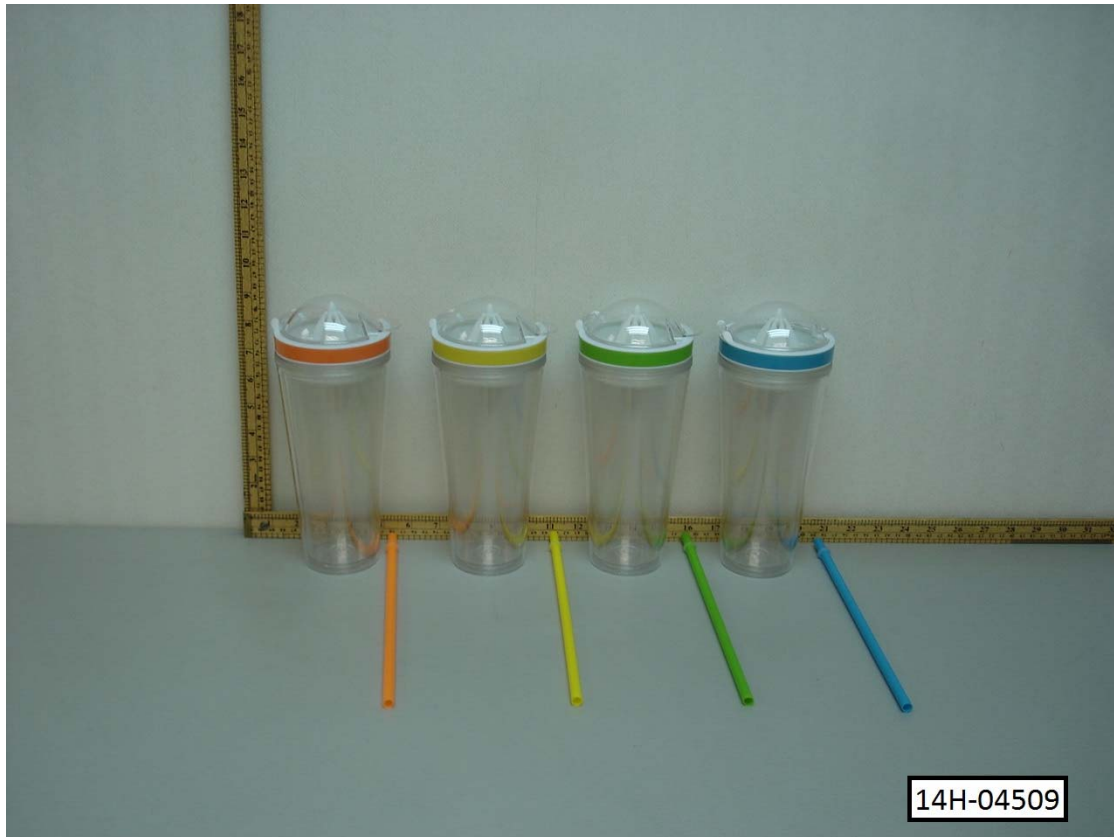
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SAMPLE PHOTO:



-End Report-

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