

TEST REPORT

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

Test Report # 14H-03003
 Date of Issue: September 26, 2014
 Pages: Page 1 of 10
 Date Received: September 18, 2014

SAMPLE INFORMATION:

Description:	15 oz Double Wall Tumbler		
Assortment:	5 colors	Purchase Order Number:	125109
SKU No.:	5938	Agent:	Growth-Sonic
Factory No.:	127875	Country of Origin:	China
Country of Distribution:	United States	Labeled Age Grade:	-
Quantity Submitted:	4 pcs (Pink, Orange, Blue), 3 pcs (Green), 1 pc (Red)	Recommended Age Grade:	-
Testing Period:	09/18/2014 – 09/26/2014	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	Client's Requirement: Bisphenol A [#]
PASS	FDA 21 CFR 177.1210, Closures with Sealing Gaskets for Food Containers [#]
PASS	FDA 21 CFR 177.1520, Polyethylene
PASS	FDA 21 CFR 177.1520, Polypropylene Copolymers
PASS	FDA 21 CFR 177.1630, Polyethylene Phthalate Polymers
PASS	FDA 21 CFR 177.1640, Polystyrene [#]

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-E1002-08.2 (Non-Metal)]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14	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	

Note:

Pb = Lead

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

ND = Not detected (Reporting Limit = 20ppm)

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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.	6	7	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	14	---	Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Bisphenol A	ND	ND	ND	ND	---	ND
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

ppm = Parts per million = mg/kg (Milligrams per kilogram)
 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.			6	---	Specification
Test Item	Test Condition		Result	Result	
	Temperature	Duration			
Distilled water extractive (ppm)	Fill boiling, cool to 100°F	60 minutes	31	---	50
Conclusion			PASS	---	

Note:

ppm = part per million

°F = Degree Fahrenheit

ND = Not Detected (Reporting limit = 10ppm)

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, Polyethylene

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

Specimen No.			7	---	Specification
Test Item	Test Condition		Result	Result	
	Temperature	Duration			
Density (g/cc)	NA	NA	0.918	---	0.85–1.00
n-Hexane extractive (% w/w)	50°C	2 hours	ND	---	5.5
Xylene extractive (% w/w)	Reflux	2 hours	3.5	---	30
Conclusion			PASS	---	

Note:

g/cc = Grams per cubic centimeter
 °C = Degree Celcius
 % w/w = Percent by weight
 ND = Not Detected (Reporting limit = 1.0 % w/w)
 NA = Not applicable

Remark:

The specification is quoted from 21 CFR 177.1520 (c) 2.1.

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DETAILED RESULTS:

FDA 21 CFR 177.1520, Polypropylene Copolymers

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	---	Specification
Test Item	Test Condition		Result	Result	
	Temperature	Duration			
Density (g/cc)	NA	NA	0.903	---	0.85–1.00
n-Hexane extractive (% w/w)	50 °C	2 hours	1.5	---	5.5
Xylene extractive (% w/w)	25 °C	1 hour	1.8	---	30
Conclusion			PASS	---	

Note:

g/cc = Grams per cubic centimeter
 °C = Degree Celsius
 % w/w = Percent by weight
 ND = Not Detected (Reporting limit = 1.0 % w/w)
 NA = Not applicable

Remark:

The specification is quoted from 21 CFR 177.1520 (c) 3.1a.

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DETAILED RESULTS:

FDA 21 CFR 177.1630, Polyethylene Phthalate Polymers

Analysis performed by food simulating solvents extractions to determine compliance with above referenced regulation. [Referenced Test Method: FDA 21 CFR 177.1630]

Specimen No.			9	---	Specification
Test Item	Test Condition		Result	Result	
	Temperature	Duration			
Distilled water extractive (mg/in ²)	250°F	2 hours	ND	---	0.5
n-Heptane extractive (mg/in ²)	150°F	2 hours	ND	---	0.5
Conclusion			PASS	---	

Note:

mg/in² = Milligram per square inch
 °F = Degree Fahrenheit
 ND = Not Detected (Reporting limit = 0.10mg/in²)

Remark:

The specification is quoted from 21 CFR 177.1630 (f).

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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.	10	11	12	Specification
Test Item	Result	Result	Result	
Total residual styrene monomer (% w/w)	ND	ND	ND	1.0
Conclusion	PASS	PASS	PASS	

Specimen No.	13	14	---	Specification
Test Item	Result	Result	Result	
Total residual styrene monomer (% w/w)	ND	ND	---	1.0
Conclusion	PASS	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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 Pages: Page 9 of 10
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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Red soft plastic	Ring (red style)
2	Pink soft plastic	Ring (pink style)
3	Orange soft plastic	Ring (orange style)
4	Green soft plastic	Ring (green style)
5	Blue soft plastic	Ring (blue style)
6	Translucent soft plastic (Silicone)	Gasket/ stopper (all styles)
7	Translucent plastic (PE)	Straw (all styles)
8	Black plastic (PP-co)	Lid (all styles)
9	Translucent black plastic (Tritan)	Body (all styles)
10	Translucent red plastic (PS)	Spout (red style)
11	Translucent pink plastic (PS)	Spout (pink style)
12	Translucent orange plastic (PS)	Spout (orange style)
13	Translucent green plastic (PS)	Spout (green style)
14	Translucent blue plastic (PS)	Spout (blue style)

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SAMPLE PHOTO:



-End Report-

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