

TEST REPORT

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

Test Report # 14H-04151
 Date of Issue: December 05, 2014
 Pages: Page 1 of 9
 Date Received: December 01, 2014

SAMPLE INFORMATION:

Description:	16oz Tumbler	Purchase Order Number:	125735
Assortment:	5 colors	Agent:	Growth-Sonic
SKU No.:	5923	Country of Origin:	China
Factory No.:	127959	Labeled Age Grade:	-
Country of Distribution:	United States	Recommended Age Grade:	-
Quantity Submitted:	6 pcs (Black), 5 pcs (Red, Blue, Green, Orange)	Tested Age Grade:	-
Testing Period:	12/01/2014 – 12/05/2014		

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 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-E1002-08.2 (Non-Metal)]

Specimen No.	1+2+3	4+5+6	7+8	9+10+11	12	Limit Total (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (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)

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.	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	---	---	---	Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Bisphenol A	ND	ND	---	---	---	ND
Conclusion	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.		12		Result	RL	Specification
Test Item	Test Condition		Result			
	Temperature	Duration				
Distilled water extractive (ppm)	Fill boiling, cool to 100°F	65 minutes	12	10	50	
Conclusion			PASS			

Note:

°F = Degree Fahrenheit

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

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

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

Specimen No.			6	RL	Specification
Test Item	Test Condition		Result		
	Temperature	Duration			
Density (g/cc)	NA	NA	0.905	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	1.7	1	30
Conclusion			PASS		

Specimen No.			7	RL	Specification
Test Item	Test Condition		Result		
	Temperature	Duration			
Density (g/cc)	NA	NA	0.916	NA	0.85–1.00
n-Hexane extractive (% w/w)	50 °C	2 hours	ND	0.4	5.5
Xylene extractive (% w/w)	25 °C	1 hour	3.0	1	30
Conclusion			PASS		

Note:

°C = Degree Celsius
 g/cc = Grams per cubic centimeter
 % w/w = Percent by weight
 NA = Not applicable
 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

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	0.898	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	1.6	1	30
Conclusion			PASS		

Specimen No.			9	RL	Specification
Test Item	Test Condition		Result		
	Temperature	Duration			
Density (g/cc)	NA	NA	0.900	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	ND	1	30
Conclusion			PASS		

Note:

°C = Degree Celsius
 g/cc = Grams per cubic centimeter
 % w/w = Percent by weight
 NA = Not applicable
 ND = Not detected. Result value is less than reporting limit (RL).

Remark:

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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.			10	RL	Specification
Test Item	Test Condition		Result		
	Temperature	Duration			
Density (g/cc)	NA	NA	0.901	NA	0.85–1.00
n-Hexane extractive (% w/w)	50 °C	2 hours	ND	0.4	5.5
Xylene extractive (% w/w)	25 °C	1 hour	2.3	1	30
Conclusion			PASS		

Specimen No.			11	RL	Specification
Test Item	Test Condition		Result		
	Temperature	Duration			
Density (g/cc)	NA	NA	0.893	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	ND	1	30
Conclusion			PASS		

Note:

°C = Degree Celsius
 g/cc = Grams per cubic centimeter
 % w/w = Percent by weight
 NA = Not applicable
 ND = Not detected. Result value is less than reporting limit (RL).

Remark:

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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Bright black plastic	Outer body (black style)
2	Bright red plastic	Outer body (red style)
3	Bright blue plastic	Outer body (blue style)
4	Bright green plastic	Outer body (green style)
5	Bright orange plastic	Outer body (orange style)
6	White plastic (PP co)	Inner body (all styles)
7	Black plastic (PP co)	Lid (all styles); push button on lid (black style)
8	Red plastic (PP co)	Push button on lid (red style)
9	Blue plastic (PP co)	Push button on lid (blue style)
10	Green plastic (PP co)	Push button on lid (green style)
11	Orange plastic (PP co)	Push button on lid (orange style)
12	Translucent soft plastic (Silicone)	Gaskets (all styles)

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SAMPLE PHOTO:



-End Report-

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