

TEST REPORT

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

Test Report #: 14H-00056
 Date of Issue: February 26, 2014
 Pages: Page 1 of 8
 Date Received: January 07, 2014

SAMPLE INFORMATION:

Description:	16 oz Tumbler w/Locking Lid		
Assortment:	6 colors	Purchase Order Number:	104435
SKU No.:	5854	Agent:	Growth - Sonic
Factory No.:	127827	Country of Origin:	China
Country of Distribution:	United States	Labeled Age Grade:	-
Quantity Submitted:	8 pcs (Black), 4 pcs (Red, Orange, Green, Blue, White)	Recommended Age Grade:	-
Testing Period:	01/17/2014 – 01/24/2014 02/20/2014 – 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 177.1520, Polypropylene Homopolymers

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	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Pb	LT 20	LT 20	LT 10	LT 10	---	100
Conclusion	PASS	PASS	PASS	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[#]]

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)	Total (mg/kg)
Total Bisphenol A	ND	ND	ND	ND	ND	ND
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	6	7	---	---	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Bisphenol A	ND	ND	---	---	---	ND
Conclusion	PASS	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.			7	---	Specification
Test Item	Test Condition		Result	Result	
	Temperature	Duration			
Distilled water extractive (ppm)	Fill boiling, cool to 100°F	50 minutes	LT 10	---	50
Conclusion			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 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.			1	2	Specification
Test Item	Test Condition		Result	Result	
	Temperature	Duration			
Density (g/cc)	NA	NA	0.904	0.905	0.880–0.913
Melting point (°C)	NA	NA	169.5	169.3	160-180
n-Hexane extractive (% w/w)	Reflux	2 hours	0.3	0.4	6.4
Xylene extractive (% w/w)	25°C	2 hours	0.8	0.9	9.8
Conclusion			PASS	PASS	

Specimen No.			3	4	Specification
Test Item	Test Condition		Result	Result	
	Temperature	Duration			
Density (g/cc)	NA	NA	0.909	0.907	0.880–0.913
Melting point (°C)	NA	NA	168.4	171.3	160-180
n-Hexane extractive (% w/w)	Reflux	2 hours	0.3	0.4	6.4
Xylene extractive (% w/w)	25°C	2 hours	1.2	1.3	9.8
Conclusion			PASS	PASS	

Note:

% w/w = Percentage by weight
 g/cc = Gram per cubic centimeter
 °C = Degree Celsius
 LT = Less Than
 NA = Not applicable

Remark:

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

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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.			5	6	Specification
Test Item	Test Condition		Result	Result	
	Temperature	Duration			
Density (g/cc)	NA	NA	0.906	0.903	0.880–0.913
Melting point (°C)	NA	NA	171.3	166.3	160-180
n-Hexane extractive (% w/w)	Reflux	2 hours	0.3	0.6	6.4
Xylene extractive (% w/w)	25°C	2 hours	0.9	1.1	9.8
Conclusion			PASS	PASS	

Note:

% w/w = Percentage by weight
 g/cc = Gram per cubic centimeter
 °C = Degree Celsius
 LT = Less Than
 NA = Not applicable

Remark:

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

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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Red plastic (PP homo)	Body/ lid (red style)
2	Orange plastic (PP homo)	Body/ lid (orange style)
3	Blue plastic (PP homo)	Body/ lid (blue style)
4	Green plastic (PP homo)	Body/ lid (green style)
5	White plastic (PP homo)	Body/ lid (white style)
6	Black plastic (PP homo)	Body/ lid (black style); inner body (all styles)
7	Translucent soft plastic (silicone)	Gasket

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SAMPLE PHOTO:



-End Report-

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