TEST REPORT

Company:	Hit Promotional Products	Test Report #	15H-03704
Recipient:	Doug Donnell	Date of Issue:	August 11, 2015
Recipient Email:	doug@hitpromo.net	Pages:	Page 1 of 9
cc to Email:	nbarahona@hitpromo.net	Date Received:	July 14, 2015

SAMPLE INFORMATION:

Description:	24oz. Tritan Bottle W/Lid		
Assortment:	5 colors	Purchase Order Number:	141047
SKU No.:	5817	Agent:	Growth-Sonic
Factory No.:	127829	Country of Origin:	China
Country of Distribution:	United States	Labeled Age Grade:	-
Quantity Submitted:	6 pcs (Green), 5 pcs (Red, Orange, Pink), 2 pcs (Blue)	Recommended Age Grade:	-
Testing Period:	08/03/2015 – 08/11/2015	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 177.1520, Polypropylene Homopolymers
PASS	FDA 21 CFR 177.1630, Polyethylene Phthalate Polymers

ANSECO GROUP (HK) LIMITED

Vincent Chow Wai Kit
Manager, Chemical Laboratory

*The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (*Certificate # *AT-1500.)* Test(s) marked with '#' is/are not covered under the scope of accreditation.
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-E1001-08.2 (Metal) and/or CPSC-CH-E1002-08.2 (Non-Metal)]

Specimen No.	1+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	

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.	6	7	8	9	10	
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.	11	---	---	---	---	
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)
LT = Less than
ND = Not Detected (Reporting limit = 1ppm)

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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.			7		
Test Item	Test Condition		Result	RL	Specification
	Temperature	Duration			
Density (g/cc)	NA	NA	0.901	**NA**	**0.880–0.913**
Melting point (^{o}C)	NA	NA	167.8	**NA**	**150-180**
n-Hexane extractive (% w/w)	Reflux	2 hours	0.8	**0.1**	**6.4**
Xylene extractive (% w/w)	25^{o}C	1 hour	2.2	**0.5**	**9.8**
Conclusion			PASS		

Specimen No.			8		
Test Item	Test Condition		Result	RL	Specification
	Temperature	Duration			
Density (g/cc)	NA	NA	0.901	**NA**	**0.880–0.913**
Melting point (^{o}C)	NA	NA	167.8	**NA**	**150-180**
n-Hexane extractive (% w/w)	Reflux	2 hours	0.9	**0.1**	**6.4**
Xylene extractive (% w/w)	25^{o}C	1 hour	2.8	**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.			9		
Test Item	Test Condition		Result	**RL**	**Specification**
	Temperature	Duration			
Density (g/cc)	NA	NA	0.901	**NA**	**0.880–0.913**
Melting point (^{o}C)	NA	NA	168.1	**NA**	**150-180**
n-Hexane extractive (% w/w)	Reflux	2 hours	0.8	**0.1**	**6.4**
Xylene extractive (% w/w)	25^{o}C	1 hour	2.7	**0.5**	**9.8**
Conclusion			PASS		

Specimen No.			10		
Test Item	Test Condition		Result	**RL**	**Specification**
	Temperature	Duration			
Density (g/cc)	NA	NA	0.901	**NA**	**0.880–0.913**
Melting point (^{o}C)	NA	NA	166.3	**NA**	**150-180**
n-Hexane extractive (% w/w)	Reflux	2 hours	2.7	**0.1**	**6.4**
Xylene extractive (% w/w)	25^{o}C	1 hour	4.0	**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.			11		
Test Item	Test Condition		Result	**RL**	**Specification**
	Temperature	Duration			
Density (g/cc)	NA	NA	0.900	**NA**	**0.880–0.913**
Melting point (^{o}C)	NA	NA	167.8	**NA**	**150-180**
n-Hexane extractive (% w/w)	Reflux	2 hours	1.0	**0.1**	**6.4**
Xylene extractive (% w/w)	25^{o}C	1 hour	3.0	**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 177.1630, 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.			6		
Test Item	Test Condition		Result	**RL**	**Specification**
	Temperature	Duration			
Distilled water extractive (mg/in^2)	250°F	2 hours	ND	**0.1**	**0.5**
n-Heptane extractive (mg/in^2)	150°F	2 hours	ND	**0.1**	**0.5**
Conclusion			PASS		

Note:
°F = Degree Fahrenheit
mg/in^2 = 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 177.1630 (f).

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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Red plastic	Outer ring (red style)
2	Orange plastic	Outer ring (orange style)
3	Green plastic	Outer ring (green style)
4	Blue plastic	Outer ring (blue style)
5	Pink plastic	Outer ring (pink style)
6	Transparent plastic (Tritan)	Body (all styles)
7	Light red plastic (PP-homo)	Lid (red style)
8	Light orange plastic (PP-homo)	Lid (orange style)
9	Light green plastic (PP-homo)	Lid (green style)
10	Light blue plastic (PP-homo)	Lid (blue style)
11	Light pink plastic (PP-homo)	Lid (pink style)
12	Grey soft plastic	Top of lid (all styles)

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SAMPLE PHOTO:

-End Report-