ANSECO GROUP
Your Partner in Product Safety

AT-1500

TEST REPORT

Company:	Hit Promotional Products	Test Report #	14H-01911
Recipient:	Doug Donnell	Date of Issue:	July 29, 2014
Recipient Email:	doug@hitpromo.net	Pages:	Page 1 of 9
cc to Email:	nbarahona@hitpromo.net	Date Received:	July 07, 2014

SAMPLE INFORMATION:

Description:	14oz Stainless Steel Double Wall Tumbler		
Assortment:	6 colors	Purchase Order Number:	118940
SKU No.:	5714	Agent:	Growth-Sonic
Factory No.:	127998	Country of Origin:	China
Country of Distribution:	United States	Labeled Age Grade:	-
Quantity Submitted:	5 pcs per style	Recommended Age Grade:	-
Testing Period:	07/21/2014 – 07/29/2014	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 & 16 CFR 1303, Total Lead in Paints & Surface Coatings
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 & 16 CFR 1303, Total Lead in Paints & Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulations. [Referenced Test Method: CPSC-CH-E-1003-09.1]

Specimen No.	1+2+3	4+5+6	---	---	---	**Limit**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	**Total (mg/kg)**
Total Pb	48	27	---	---	---	**90**
Conclusion	PASS	PASS	---	---	---	

Note:
Pb = Lead
mg/kg = Milligram per kilogram
LT = Less Than

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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 CPSC-CH-E1002-08.2 (Non-Metal)]

Specimen No.	7	8+9+10	11+12+13	14	15	**Limit**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	**Total (mg/kg)**
Total Pb	LT 10	LT 20	LT 20	15	LT 10	**100**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:
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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.	7	8	9	10	11	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Bisphenol A	ND	ND	ND	ND	ND	**ND**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	12	13	---	---	---	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Bisphenol A	ND	ND	---	---	---	**ND**
Conclusion	PASS	PASS	---	---	---	

Note:
mg/kg = Milligrams per kilogram
LT = Less than
ND = Not Detected (Reporting limit = 1mg/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*	---	
Test Item	Test Condition		Result	Result	**Specification**
	Temperature	Duration			
Distilled water extractive (ppm)	Fill boiling, cool to 100°F	60 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.

*The chloroform-soluble extractive analysis was conducted.

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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	9	
Test Item	Test Condition		Result	Result	**Specification**
	Temperature	Duration			
Density (g/cc)	NA	NA	0.901	0.903	**0.85–1.00**
n-Hexane extractive (% w/w)	50 °C	2 hours	LT 0.4	LT 0.4	**5.5**
Xylene extractive (% w/w)	25 °C	1 hour	1.3	1.9	**30**
Conclusion			PASS	PASS	

Specimen No.			10	11	
Test Item	Test Condition		Result	Result	**Specification**
	Temperature	Duration			
Density (g/cc)	NA	NA	0.902	0.901	**0.85–1.00**
n-Hexane extractive (% w/w)	50 °C	2 hours	LT 0.4	0.6	**5.5**
Xylene extractive (% w/w)	25 °C	1 hour	1.1	2.3	**30**
Conclusion			PASS	PASS	

Note:
g/cc = Grams per cubic centimeter
°C = Degree Celsius
% w/w = Percent by weight
LT = Less than
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 177.1520, 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.			12	13	
Test Item	Test Condition		Result	Result	**Specification**
	Temperature	Duration			
Density (g/cc)	NA	NA	0.901	0.900	**0.85–1.00**
n-Hexane extractive (% w/w)	50 °C	2 hours	LT 0.4	0.6	**5.5**
Xylene extractive (% w/w)	25 °C	1 hour	LT 1.0	2.4	**30**
Conclusion			PASS	PASS	

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

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

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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Red coating	On outer shell of tumbler (red style)
2	Blue coating	On outer shell of tumbler (blue style)
3	Green coating	On outer shell of tumbler (green style)
4	Purple coating	On outer shell of tumbler (purple style)
5	White coating	On outer shell of tumbler (white style)
6	Black coating	On outer shell of tumbler (black style)
7	Translucent soft plastic	Gaskets (all styles)
8	Red plastic (PP-co)	Cover of lid (red styles)
9	Blue plastic (PP-co)	Cover of lid (blue styles)
10	Green plastic (PP-co)	Cover of lid (green styles)
11	Purple plastic (PP-co)	Cover of lid (purple styles)
12	White plastic (PP-co)	Cover of lid (white styles)
13	Black plastic (PP-co)	Cover of lid (black styles); lid/ stopper/ inner part of lid/ cover/ inner shell of tumbler (all styles)
14	Black foam	Bottom of tumbler (all styles)
15	Silvery metal	Outer shell of tumbler (all styles)

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SAMPLE PHOTO:

-End Report-