ANSECO GROUP
Your Partner in Product Safety

AT-1500

TEST REPORT

Company:	Hit Promotional Products	Test Report #	14H-03547
Recipient:	Doug Donnell	Date of Issue:	October 31, 2014
Recipient Email:	doug@hitpromo.net	Pages:	Page 1 of 9
cc to Email:	nbarahona@hitpromo.net	Date Received:	October 22, 2014

SAMPLE INFORMATION:

Description:	Lunch Container		
Assortment:	4 colors	Purchase Order Number:	124376
SKU No.:	2179	Agent:	Growth-Sonic
Factory No.:	127818	Country of Origin:	China
Country of Distribution:	United States	Labeled Age Grade:	-
Quantity Submitted:	3 pcs per style	Recommended Age Grade:	-
Testing Period:	10/23/2014 – 10/31/2014	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 177.1520, Polypropylene Homopolymers
PASS	FDA 21 CFR 177.1520, Polypropylene Copolymers
PASS	FDA 21 CFR 177.1640, Polystyrene#
PASS	Microwave Safe Testing#
PASS	Dishwasher Testing#

ANSECO GROUP (HK) LIMITED

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The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.
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Test is not covered under ACLASS (Certificate # AT-1500) accredited listed scope.
ACLASS is recognized by ILAC, APLAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.

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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	---	---	**Limit**
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	**Total (ppm)**
Total Pb	ND	ND	ND	---	---	**100**
Conclusion	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.	1	2	3	4	5	
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.	6	7	8	9	---	
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	**Limit (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 177.1520, 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.			2	3	
Test Item	Test Condition		Result	Result	**Specification**
	Temperature	Duration			
Density (g/cc)	NA	NA	0.907	0.906	**0.880–0.913**
Melting point (^{o}C)	NA	NA	166.5	167.3	**150-180**
n-Hexane extractive (% w/w)	Reflux	2 hours	1.2	1.2	**6.4**
Xylene extractive (% w/w)	25^{o}C	1 hour	2.9	2.5	**9.8**
Conclusion			PASS	PASS	

Specimen No.			4	5	
Test Item	Test Condition		Result	Result	**Specification**
	Temperature	Duration			
Density (g/cc)	NA	NA	0.906	0.906	**0.880–0.913**
Melting point (^{o}C)	NA	NA	167.6	166.5	**150-180**
n-Hexane extractive (% w/w)	Reflux	2 hours	1.3	1.2	**6.4**
Xylene extractive (% w/w)	25^{o}C	1 hour	2.2	2.5	**9.8**
Conclusion			PASS	PASS	

Note:
g/cc = Grams per cubic centimeter
°C = Degree Celsius
% w/w = Percent by weight
ND = Not Detected (Reporting limit = 0.5 % w/w)
NA = Not applicable

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 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.			1	---	
Test Item	Test Condition		Result	Result	**Specification**
	Temperature	Duration			
Density (g/cc)	NA	NA	0.899	---	**0.85–1.00**
n-Hexane extractive (% w/w)	50 °C	2 hours	3.8	---	**5.5**
Xylene extractive (% w/w)	25 °C	1 hour	7.2	---	**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 177.1640, 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.	6	7	8	
Test Item	Result	Result	Result	**Specification**
Total residual styrene monomer (% w/w)	ND	ND	ND	**0.5**
Conclusion	PASS	PASS	PASS	

Specimen No.	9	---	---	
Test Item	Result	Result	Result	**Specification**
Total residual styrene monomer (% w/w)	ND	---	---	**0.5**
Conclusion	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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DETAILED RESULTS:

Microwave Safe Test#

Test	Conclusion	Observation
Microwave Safe Test – Heat the samples at high power(~1000 W) for 3 min	PASS	No breakage, deform or melt.

Dishwasher Test#

Test	Conclusion	Observation
Dishwasher Test – Top rack, 10 cycles	PASS	No crack, crazing, chipping or color fading was observed after testing

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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Transparent plastic (PP-co)	Lid/ container (all styles)
2	Blue plastic (PP-homo)	Fork/ tray (blue style)
3	Green plastic (PP-homo)	Fork/ tray (green style)
4	Orange plastic (PP-homo)	Fork/ tray (orange style)
5	Dull white plastic (PP-homo)	Fork/ tray (white style)
6	Light blue plastic (PS)	Dressing container (blue style)
7	Light green plastic (PS)	Dressing container (green style)
8	Light orange plastic (PS)	Dressing container (orange style)
9	White plastic (PS)	Dressing container (white style)

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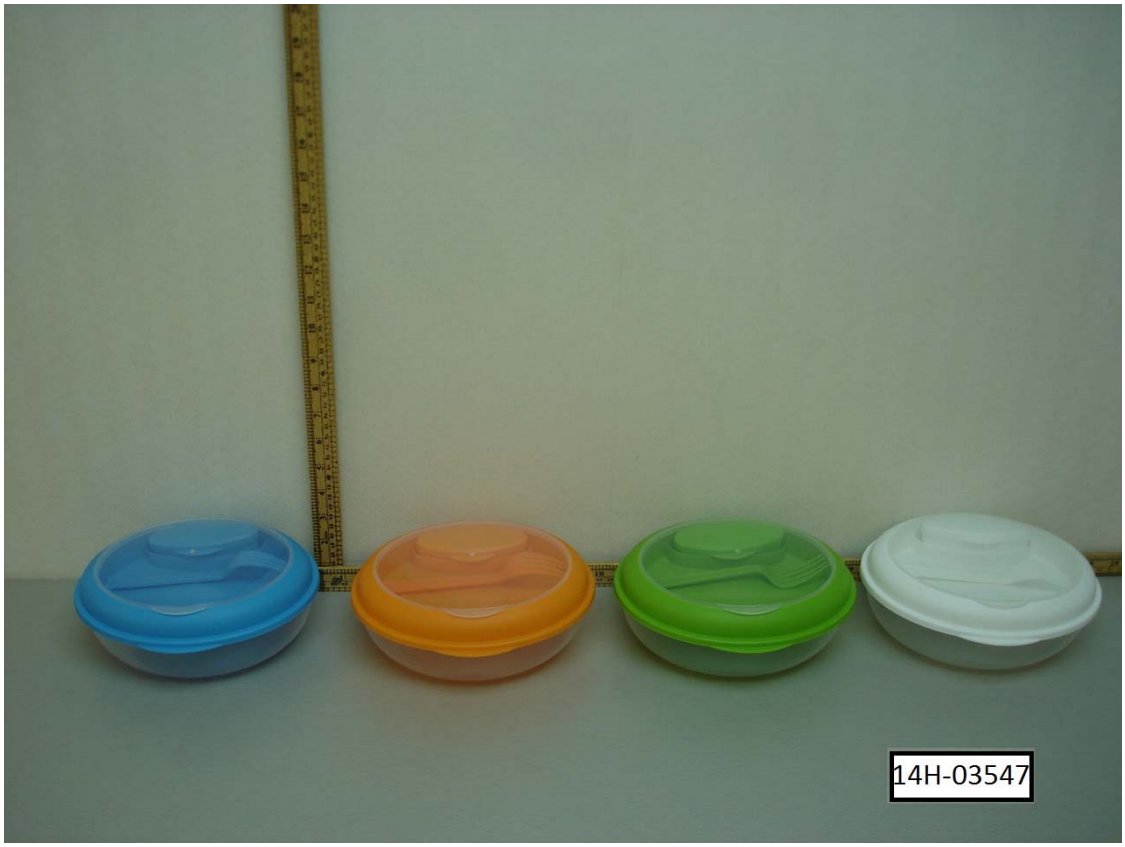
SAMPLE PHOTO:



-End Report-