





AT-1500

13H-03815

# TEST REPORT

Company: Hit Promotional Products

Recipient: Doug Donnell Date of Issue: December 31, 2013

Recipient Email: doug@hitpromo.net Pages: Page 1 of 6

cc to Email: - Date Received: December 09, 2013

### **SAMPLE INFORMATION:**

Description: 2 Piece, 3 Function Cutlery Set

Assortment: 3 Colors Purchase Order Number: 104334

SKU No.: 2423 Agent: Growth-Sonic

Factory No.: 127682 Country of Origin: China

Country of Distribution: United States Labeled Age Grade: -

Quantity Submitted: 13 sets (Blue), 12 sets Recommended Age Grade: -

(White), 11 sets (Green)

Testing Period: 12/17/2013 – 12/31/2013 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 180.22 and 181.32, Acrylonitrile/Styrene Copolymer

ANSECO GROUP (HK) LIMITED

A.

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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# 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					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					100
Conclusion	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			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
Conclusion	PASS	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 180.22 and 181.32, Acrylonitrile/Styrene Copolymer

Analysis performed by food simulating solvents extractions to determine compliance with above referenced regulation. [Referenced Test Method: FDA 21 CFR 180.22<sup>#</sup> and 181.32<sup>#</sup>]

## **Acrylonitrile Monomers:**

Specime	1	2			
Test Item	Test Condition		Result	Result	Specification
rest item	Temperature	Duration	Result	Result	эреспісаціоп
Distilled water extractive (mg/in <sup>2</sup> )	120°F	4 hours	LT 0.002	LT 0.002	0.003
n-Heptane extractive (mg/in²)	120°F	4 hours	LT 0.002	LT 0.002	0.003
8% Ethanol extractive (mg/in²)	120°F	4 hours	LT 0.002	LT 0.002	0.003
3% Acetic acid extractive (mg/in²)	120°F	4 hours	LT 0.002	LT 0.002	0.003
Conclu	PASS	PASS			

Specime	3				
Test Item	Test Condition		Result	Result	Specification
	Temperature	Duration			
Distilled water extractive (mg/in <sup>2</sup> )	120°F	4 hours	LT 0.002		0.003
n-Heptane extractive (mg/in²)	120°F	4 hours	LT 0.002		0.003
8% Ethanol extractive (mg/in <sup>2</sup> )	120°F	4 hours	LT 0.002		0.003
3% Acetic acid extractive (mg/in²)	120°F	4 hours	LT 0.002		0.003
Conclu	PASS				

Note:

 $mg/in^2 = Milligram per square inch$ 

°F = Degree Fahrenheit

LT = Less Than

Remark:

The specification is quoted from 21 CFR 181.32 (b) (3).

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## **SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Green plastic (AS)	Cutlery (green style)
2	Blue plastic (AS)	Cutlery (blue style)
3	White plastic (AS)	Cutlery (white style)







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Page 6 of 6 Pages:

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## **SAMPLE PHOTO:**



-End Report-