

TEST REPORT

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

Test Report # 15H-02844
 Date of Issue: June 17, 2015
 Pages: Page 1 of 10
 Date Received: June 05, 2015

SAMPLE INFORMATION:

Description:	16 oz. Rectangle Bottle	Purchase Order Number:	141346
Assortment:	5 colors	Agent:	Headwind (Chairs, Bottles)
SKU No.:	5743	Country of Origin:	China
Factory No.:	129854	Labeled Age Grade:	-
Country of Distribution:	United States	Recommended Age Grade:	-
Quantity Submitted:	2 pcs per style + 1 lot Parts	Tested Age Grade:	-
Testing Period:	06/10/2015 – 06/17/2015		

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 177.1210, Closures with Sealing Gaskets for Food Containers [#]
PASS	FDA 21 CFR 177.1630, Polyethylene Phthalate Polymers
PASS	FDA 21 CFR 180.22 and 181.32, Acrylonitrile/Styrene Copolymers

ANSECO GROUP (HK) LIMITED



Vincent Chow Wai Kit
 Manager, Chemical Laboratory

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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	---	---	Limit Total (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Pb	ND	ND	ND	---	---	100
Conclusion	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.	1	2	3	4	5	Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Bisphenol A	ND	ND	ND	ND	ND	ND
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	6	7	---	---	---	Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Bisphenol A	ND	ND	---	---	---	ND
Conclusion	PASS	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 177.1210, 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	RL	Specification
	Temperature	Duration			
Distilled water extractive (ppm)	Fill boiling, cool to 100°F	50 minutes	ND	10	50
n-Heptane extractive (ppm)	120°F	15 minutes	20	10	250
8% Ethanol extractive (ppm)	120°F	24 hours	ND	10	50
Conclusion			PASS		

Note:

°F = Degree Fahrenheit
 ppm (Parts per million) = mg/kg (Milligrams per kilogram)
 LT = Less than
 ND = Not detected. Result value is less than reporting limit (RL).

Remark:

The specification is quoted from 21 CFR 177.1210 Table 2 Section 2.

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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.			1	RL	Specification
Test Item	Test Condition		Result		
	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
50% Ethanol extractive (mg/in ²)	120°F	24 hours	ND	0.1	0.5
Conclusion			PASS		

Specimen No.			2	RL	Specification
Test Item	Test Condition		Result		
	Temperature	Duration			
Distilled water extractive (mg/in ²)	250°F	2 hours	0.10	0.1	0.5
n-Heptane extractive (mg/in ²)	150°F	2 hours	0.10	0.1	0.5
50% Ethanol extractive (mg/in ²)	120°F	24 hours	ND	0.1	0.5
Conclusion			PASS		

Note:

°F = Degree Fahrenheit
 mg/in² = 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 (g).

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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.			3	RL	Specification
Test Item	Test Condition		Result		
	Temperature	Duration			
Distilled water extractive (mg/in ²)	250°F	2 hours	0.13	0.1	0.5
n-Heptane extractive (mg/in ²)	150°F	2 hours	0.11	0.1	0.5
50% Ethanol extractive (mg/in ²)	120°F	24 hours	ND	0.1	0.5
Conclusion			PASS		

Specimen No.			4	RL	Specification
Test Item	Test Condition		Result		
	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
50% Ethanol extractive (mg/in ²)	120°F	24 hours	ND	0.1	0.5
Conclusion			PASS		

Note:

°F = Degree Fahrenheit
 mg/in² = 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 (g).

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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.			5	RL	Specification
Test Item	Test Condition		Result		
	Temperature	Duration			
Distilled water extractive (mg/in ²)	250°F	2 hours	0.11	0.1	0.5
n-Heptane extractive (mg/in ²)	150°F	2 hours	ND	0.1	0.5
50% Ethanol extractive (mg/in ²)	120°F	24 hours	ND	0.1	0.5
Conclusion			PASS		

Note:

°F = Degree Fahrenheit
 mg/in² = 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 (g).

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DETAILED RESULTS:

FDA 21 CFR 180.22 and 181.32, Acrylonitrile/Styrene Copolymers

Analysis performed by food simulating solvents extractions and Headspace-Gas Chromatography/Mass Spectrometry to determine compliance with above referenced regulations.
 [Referenced Test Method: FDA 21 CFR 180.22 and 181.32]

Acrylonitrile Monomers:

Specimen No.			6	RL	Specification
Test Simulant	Test Condition		Result		
	Temperature	Duration			
Distilled water extractive (mg/in ²)	120°F	2 hours	ND	0.001	0.003
n-Heptane extractive (mg/in ²)	120°F	2 hours	ND	0.001	0.003
50% Ethanol extractive (mg/in ²)	120°F	2 hours	ND	0.001	0.003
3% Acetic acid extractive (mg/in ²)	120°F	2 hours	ND	0.001	0.003
Conclusion			PASS		

Note:

°F = Degree Fahrenheit
 mg/in² = 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 181.32 (b) (3).

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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Transparent red plastic (Tritan)	Lid (red style)
2	Transparent orange plastic (Tritan)	Lid (orange style)
3	Transparent blue plastic (Tritan)	Lid (blue style)
4	Transparent green plastic (Tritan)	Lid (green style)
5	Transparent grey plastic (Tritan)	Lid (black style)
6	Transparent plastic (AS)	Body (all styles)
7	Translucent soft plastic (silicone)	Gasket (all styles)

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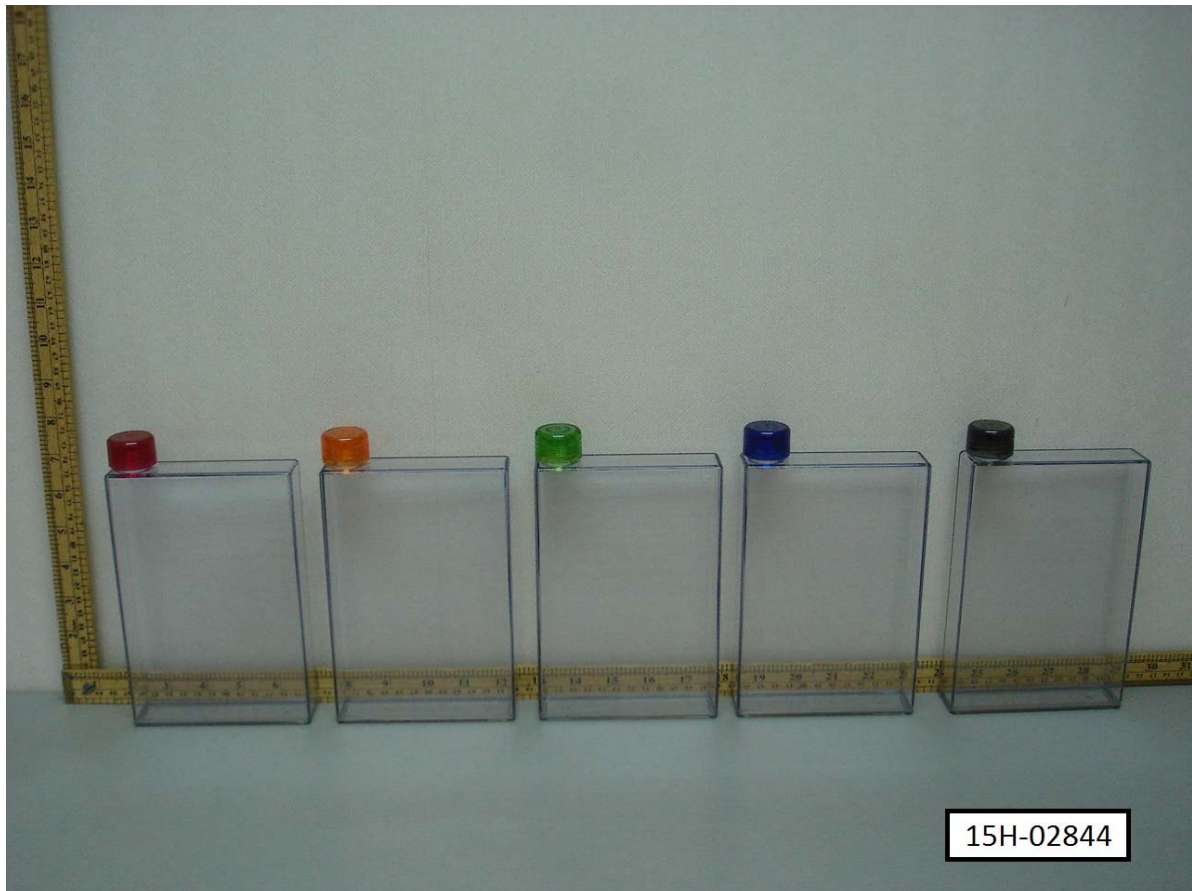
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SAMPLE PHOTO:



-End Report-

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