

TEST REPORT

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

Test Report # 14H-00210
 Date of Issue: March 03, 2014
 Pages: Page 1 of 8
 Date Received: January 29, 2014

SAMPLE INFORMATION:

Description: 18oz Clear Water Bottle w/ Silicone Lids
 Assortment: 6 lid colors Purchase Order Number: 101283
 SKU No.: 5821 Agent: Growth-Sonic
 Factory No.: 127827 Country of Origin: China
 Country of Distribution: United States Labeled Age Grade: -
 Quantity Submitted: 3 pcs per style + 1 lot Recommended Age Grade: -
 Parts
 Testing Period: 02/10/2014 – 02/19/2014 Tested Age Grade: -
 02/25/2014 – 03/03/2014

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 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 Copolymer

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-E1002-08.2 (Non-Metal)]

Specimen No.	1+2	3	4	5	6+7	Limit Total (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Pb	LT 20	LT 10	LT 10	LT 10	LT 20	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	8+9	---	---	---	---	Limit Total (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (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	4	5	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	ND	ND
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	6	7	8	9	---	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	---	ND
Conclusion	PASS	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 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.			3	---	Specification
Test Item	Test Condition		Result	Result	
	Temperature	Duration			
Distilled water extractive (ppm)	Fill boiling, cool to 100°F	30 minutes	22	---	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.

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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.			2	---	Specification
Test Item	Test Condition		Result	Result	
	Temperature	Duration			
Distilled water extractive (mg/in ²)	250°F	2 hours	LT 0.10	---	0.5
n-Heptane extractive (mg/in ²)	150°F	2 hours	LT 0.10	---	0.5
Conclusion			PASS	---	

Note:

mg/in² = Milligram per square inch

°F = Degree Fahrenheit

LT = Less Than

Remark:

The specification is quoted from 21 CFR 177.1630 (f).

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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[#] and 181.32[#]]

Acrylonitrile Monomers:

Specimen No.			1	---	Specification
Test Item	Test Condition		Result	Result	
	Temperature	Duration			
Distilled water extractive (mg/in ²)	120°F	4 hours	LT 0.002	---	0.003
n-Heptane extractive (mg/in ²)	120°F	4 hours	LT 0.002	---	0.003
8% Ethanol extractive (mg/in ²)	120°F	4 hours	LT 0.002	---	0.003
3% Acetic acid extractive (mg/in ²)	120°F	4 hours	LT 0.002	---	0.003
Conclusion			PASS	---	

Note:

mg/in² = 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	Clear transparent plastic (AS)	Lid (all styles)
2	Transparent plastic (PET)	Body (all styles)
3	Translucent soft plastic (silicon)	Gasket (all styles)
4	Red soft plastic (silicon)	Cover of lid (red style)
5	Orange soft plastic (silicon)	Cover of lid (orange style)
6	Green soft plastic (silicon)	Cover of lid (green style)
7	Blue soft plastic (silicon)	Cover of lid (blue style)
8	Purple soft plastic (silicon)	Cover of lid (purple style)
9	Black soft plastic (silicon)	Cover of lid (black style)

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SAMPLE PHOTO:



-End Report-

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