

TEST REPORT

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

Test Report # 14H-00212
 Date of Issue: February 14, 2014
 Pages: Page 1 of 8
 Date Received: January 29, 2014

SAMPLE INFORMATION:

Description:	21 oz Tritan Round Bottle		
Assortment:	6 colors	Purchase Order Number:	104459
SKU No.:	5815	Agent:	Growth-Sonic
Factory No.:	127827	Country of Origin:	China
Country of Distribution:	United States	Labeled Age Grade:	-
Quantity Submitted:	4 pcs per style	Recommended Age Grade:	-
Testing Period:	02/10/2014 – 02/14/2014	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	Total Bisphenol A Content
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

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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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+10	11+12+13	Limit Total (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Pb	LT 10	LT 20	LT 20	LT 20	LT 20	100
Conclusion	PASS	PASS	PASS	PASS	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	10	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.	11	12	13	---	---	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 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.			1	---	Specification
Test Item	Test Condition		Result	Result	
	Temperature	Duration			
Distilled water extractive (ppm)	Fill boiling, cool to 100°F	50 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.

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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.			2	3	Specification
Test Item	Test Condition		Result	Result	
	Temperature	Duration			
Density (g/cc)	NA	NA	0.902	0.905	0.85–1.00
n-Hexane extractive (% w/w)	50 °C	2 hours	0.4	0.5	5.5
Xylene extractive (% w/w)	25 °C	1 hour	LT 1.0	LT 1.0	30
Conclusion			PASS	PASS	

Specimen No.			4	5	Specification
Test Item	Test Condition		Result	Result	
	Temperature	Duration			
Density (g/cc)	NA	NA	0.906	0.908	0.85–1.00
n-Hexane extractive (% w/w)	50 °C	2 hours	0.4	0.5	5.5
Xylene extractive (% w/w)	25 °C	1 hour	LT 1.0	LT 1.0	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.			6	7	Specification
Test Item	Test Condition		Result	Result	
	Temperature	Duration			
Density (g/cc)	NA	NA	0.907	0.904	0.85–1.00
n-Hexane extractive (% w/w)	50 °C	2 hours	0.8	0.5	5.5
Xylene extractive (% w/w)	25 °C	1 hour	1.4	1.0	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	Translucent soft plastic (Silicone)	Gasket (all styles)
2	Red plastic (PP CO)	Lid (red style)
3	Orange plastic (PP CO)	Lid (orange style)
4	Green plastic (PP CO)	Lid (green style)
5	Blue plastic (PP CO)	Lid (blue style)
6	Black plastic (PP CO)	Lid (black style)
7	White plastic (PP CO)	Lid (white style)
8	Transparent red plastic (Tritan)	Body (red style)
9	Transparent orange plastic (Tritan)	Body (orange style)
10	Transparent green plastic (Tritan)	Body (green style)
11	Transparent blue plastic (Tritan)	Body (blue style)
12	Transparent black plastic (Tritan)	Body (black style)
13	Transparent plastic (Tritan)	Body (white style)

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SAMPLE PHOTO:



-End Report-

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