

# TEST REPORT

Test Report # 16H-03591 Date of Report Issue: July 7, 2016  
Date of Sample Received: June 24, 2016 Pages: Page 1 of 11

## CLIENT INFORMATION:

Company: Hit Promotional Products  
Recipient: Nathan Cotter  
Recipient Email: ncotter@hitpromo.net



## SAMPLE INFORMATION:

Description: 16oz. SS Vacuum Bottle  
Assortment: 4 colors Purchase Order Number: 164637  
SKU No.: 5747 Agent: Growth-Sonic  
Factory No.: 127678 Country of Origin: China  
Country of Distribution: United States Labeled Age Grade: -  
Quantity Submitted: 5 pcs per style Recommended Age Grade: -  
Testing Period: 06/24/2016 – 07/07/2016 Tested Age Grade: -

## OVERALL RESULT:

 **PASS**

Refer to page 2 for test result summary and appropriate notes.

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The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation.

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

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**TEST RESULTS SUMMARY:**

At the request of the client, the following tests were conducted:

CONCLUSION	TEST(S) CONDUCTED
PASS	CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings
PASS	CPSIA Section 101, Total Lead in Substrate Materials
PASS	Client's Requirement: Bisphenol A and Bisphenol S <sup>#</sup>
PASS	FDA 21 CFR 177.1210, Closures with Sealing Gaskets <sup>#</sup>
PASS	FDA 21 CFR 177.1520, Polypropylene Copolymers
PASS	FDA GRAS Specifications, Total Chromium in Stainless Steel <sup>#</sup>
PASS	Canadian Consumer Products Containing Lead (Contact with Mouth) Regulation (SOR/2010-273), Total Lead in Accessible Substrates

**DETAILED RESULTS:**

**CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings**

Test Method: CPSC-CH-E-1003-09.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2	3+4	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	25	---	---	---	<b>90</b>
<b>Conclusion</b>	PASS	PASS	---	---	---	

*Note:*

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

**DETAILED RESULTS:**

**CPSIA Section 101, Total Lead in Substrate Materials**

Test Method: CPSC-CH-E1001-08.3 (Metal), CPSC-CH-E1002-08.3 (Non-Metal)

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	5	6	8	9	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	---	<b>100</b>
<b>Conclusion</b>	PASS	PASS	PASS	PASS	---	

*Note:*

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

**DETAILED RESULTS:**

**Client's Requirement: Bisphenol A and Bisphenol S**

Test Method: AI | ANSECO Method#  
 Analytical Method: Liquid Chromatography with Mass Spectrometry

Specimen No.		5	6	---	---	Limit (ppb)
Test Item	CAS No.	Result (ppb)	Result (ppb)	Result (ppb)	Result (ppb)	
Bisphenol A (BPA)	80-05-7	ND	ND	---	---	ND
Bisphenol S (BPS)	80-09-1	ND	ND	---	---	ND
<b>Conclusion</b>		PASS	PASS	---	---	

*Note:*

ppb (Parts per billion) = µg/kg (Micrograms per kilogram)

LT = Less than

ND = Not detected (Reporting limit: BPA = 1000 ppb; BPS = 200 ppb)

**DETAILED RESULTS:**

**FDA 21 CFR 177.1210, Closures with Sealing Gaskets**

Test Method: FDA 21 CFR 177.1210<sup>#</sup>

Specimen No.			5	RL	Limit
Test Item	Test Condition		Result		
	Temp.	Duration			
Distilled water extractive (ppm)	Fill boiling, cool to 100°F	90 minutes	ND	<b>10</b>	<b>50</b>
<b>Conclusion</b>			PASS		

*Note:*

Temp. = Temperature

°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.

**DETAILED RESULTS:**

**FDA 21 CFR 177.1520, Polypropylene Copolymers**

Test Method: FDA 21 CFR 177.1520

Specimen No.			6	RL	Limit
Test Item	Test Condition		Result		
	Temp.	Duration			
Density (g/cc)	NA	NA	0.903	NA	0.85 – 1.00
n-Hexane extractive (% w/w)	50 °C	2 hours	0.5	0.4	5.5
Xylene extractive (% w/w)	25 °C	1 hour	1.5	1	30
<b>Conclusion</b>			PASS		

*Note:*

Temp. = Temperature

°C = Degree Celsius

g/cc = Grams per cubic centimeter

% w/w = Percent by weight

NA = Not applicable

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

*Remark:*

The specification is quoted from 21 CFR 177.1520 (c) 3.1a.

**DETAILED RESULTS:**

**FDA GRAS Specifications, Total Chromium in Stainless Steel**

Test Method: AI|ANSECO Method#  
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Cookware and Food Containers

Specimen No.	7	---	---	---	---	Limit (% m/m)
Test Item	Result (% m/m)	Result (% m/m)	Result (% m/m)	Result (% m/m)	Result (% m/m)	
Total Chromium (Cr)	18	---	---	---	---	<b>GT 16</b>
<b>Conclusion</b>	PASS	---	---	---	---	

*Note:*  
 % m/m = Percent by mass  
 GT = Greater than

*Remark:*  
 The limit is quoted from ANSI/NSF 51-1997 Section 7.1.2.



**DETAILED RESULTS:**

**Canadian Consumer Products Containing Lead (Contact with Mouth) Regulation (SOR/2010-273), Total Lead in Accessible Substrates**

Test Method: CPSC-CH-E1001-08.3 (Metal), CPSC-CH-E1002-08.3 (Non-Metal)  
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	5	6	8	9	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	---	<b>90</b>
<b>Conclusion</b>	PASS	PASS	PASS	PASS	---	

*Note:*

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Red coating	On outer wall (red style)
2	White coating	On outer wall (white style)
3	Blue coating	On outer wall (blue style)
4	Black coating	On outer wall (black style)
5	Translucent soft plastic (Silicone)	Gasket (all styles)
6	Black plastic (PP-co)	Lid (all styles)
7	Silvery metal (SS 304)	Inner wall/ inner bottom (all styles)
8	Silvery metal	Inner wall (all styles)
9	Dull silvery metal	Lid/ outer wall/ outer bottom (all styles)

**SAMPLE PHOTO:**



-End Report-