

TEST REPORT

Test Report # 16H-03966 Date of Report Issue: July 20, 2016
Date of Sample Received: July 12, 2016 Pages: Page 1 of 12

CLIENT INFORMATION:

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



SAMPLE INFORMATION:

Description: 17oz. Stainless Steel Basin Tumbler
Assortment: 5 Colors Purchase Order Number: 170800
SKU No.: 5700 Agent: Growth-Sonic
Factory No.: 127959 Country of Origin: China
Country of Distribution: United States Labeled Age Grade: -
Quantity Submitted: 5 pcs per style Recommended Age Grade: -
Testing Period: 07/12/2016 – 07/20/2016 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 [#]
PASS	FDA 21 CFR 177.1210, Closures with Sealing Gaskets [#]
PASS	FDA 21 CFR 177.1520, Polypropylene Copolymers
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	---	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	50	---	---	---	---	90
Conclusion	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.	2+3+4	5+6+7	8	9	10	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	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.		2	3	4	5	Limit (ppb)
Test Item	CAS No.	Result (ppb)	Result (ppb)	Result (ppb)	Result (ppb)	
Bisphenol A (BPA)	80-05-7	ND	ND	ND	ND	ND
Bisphenol S (BPS)	80-09-1	ND	ND	ND	ND	ND
Conclusion		PASS	PASS	PASS	PASS	

Specimen No.		6	7	8	---	Limit (ppb)
Test Item	CAS No.	Result (ppb)	Result (ppb)	Result (ppb)	Result (ppb)	
Bisphenol A (BPA)	80-05-7	ND	ND	ND	---	ND
Bisphenol S (BPS)	80-09-1	ND	ND	ND	---	ND
Conclusion		PASS	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[#]

Specimen No.			8	RL	Limit
Test Item	Test Condition		Result		
	Temp.	Duration			
Distilled water extractive (ppm)	Fill boiling, cool to 100°F	130 minutes	ND	10	50
Conclusion			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.			2		
Test Item	Test Condition		Result	RL	Limit
	Temp.	Duration			
Density (g/cc)	NA	NA	0.900	NA	0.85 – 1.00
n-Hexane extractive (% w/w)	50 °C	2 hours	1.6	0.4	5.5
Xylene extractive (% w/w)	25 °C	1 hour	3.4	1	30
Conclusion			PASS		

Specimen No.			3		
Test Item	Test Condition		Result	RL	Limit
	Temp.	Duration			
Density (g/cc)	NA	NA	0.900	NA	0.85 – 1.00
n-Hexane extractive (% w/w)	50 °C	2 hours	0.4	0.4	5.5
Xylene extractive (% w/w)	25 °C	1 hour	1.8	1	30
Conclusion			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 21 CFR 177.1520, Polypropylene Copolymers

Test Method: FDA 21 CFR 177.1520

Specimen No.			4		
Test Item	Test Condition		Result	RL	Limit
	Temp.	Duration			
Density (g/cc)	NA	NA	0.900	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	2.4	1	30
Conclusion			PASS		

Specimen No.			5		
Test Item	Test Condition		Result	RL	Limit
	Temp.	Duration			
Density (g/cc)	NA	NA	0.900	NA	0.85 – 1.00
n-Hexane extractive (% w/w)	50 °C	2 hours	0.4	0.4	5.5
Xylene extractive (% w/w)	25 °C	1 hour	5.0	1	30
Conclusion			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 21 CFR 177.1520, Polypropylene Copolymers

Test Method: FDA 21 CFR 177.1520

Specimen No.			6		
Test Item	Test Condition		Result	RL	Limit
	Temp.	Duration			
Density (g/cc)	NA	NA	0.900	NA	0.85 – 1.00
n-Hexane extractive (% w/w)	50 °C	2 hours	0.8	0.4	5.5
Xylene extractive (% w/w)	25 °C	1 hour	4.5	1	30
Conclusion			PASS		

Specimen No.			7		
Test Item	Test Condition		Result	RL	Limit
	Temp.	Duration			
Density (g/cc)	NA	NA	0.900	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	1.3	1	30
Conclusion			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:

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.	2+3+4	5+6+7	8	9	10	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	90
Conclusion	PASS	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	Black coating	Outer wall (all styles)
2	Black plastic (PP-co)	Lid (all styles)
3	Red plastic (PP-co)	Slider/ inner wall (red style)
4	Orange plastic (PP-co)	Slider/ inner wall (orange style)
5	Grey plastic (PP-co)	Slider/ inner wall (grey style)
6	Green plastic (PP-co)	Slider/ inner wall (green style)
7	Blue plastic (PP-co)	Slider/ inner wall (blue style)
8	Translucent soft plastic (Silicone)	Gasket (all styles)
9	Black foam with adhesive	Pad of base (all styles)
10	Silvery metal	Outer wall (all styles)

SAMPLE PHOTO:



-End Report-