

TEST REPORT

Test Report # 16H-03100 Date of Report Issue: June 14, 2016
Date of Sample Received: June 2, 2016 Pages: Page 1 of 9

CLIENT INFORMATION:

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



SAMPLE INFORMATION:

Description: Stainless Steel Tumbler with Carabiner
Assortment: 1 color each item Purchase Order Number: 165994
SKU No.: 5781, 5782, 5783, 5780 Agent: Growth-Sonic
Factory No.: 127827 Country of Origin: China
Country of Distribution: United States Labeled Age Grade: -
Quantity Submitted: 5 pcs per style + 1 lot Parts Recommended Age Grade: -
Testing Period: 06/02/2016 – 06/14/2016 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, Total Lead in Substrate Materials
PASS	Client's Requirement: Bisphenol A [#]
PASS	FDA 21 CFR 177.1210, Closures with Sealing Gaskets [#]
PASS	FDA 21 CFR 177.1520, Polypropylene Copolymers
PASS	FDA GRAS Specifications, Total Chromium in Stainless Steel [#]

Remark:

CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings was not conducted as no paint and similar surface coating found on received sample.

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.	1+2+3	4+5	6+7	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	

Specimen No.	11	12	13	14	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	36	ND	---	100
Conclusion	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.

Data Consolidation Reference

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
9	15H-05680	4	November 20, 2015
10	15H-05680	3	November 20, 2015
11	15H-05680	1	November 20, 2015

DETAILED RESULTS:

Client's Requirement: Bisphenol A

Test Method: AI|ANSECO Method#
 Analytical Method: Liquid Chromatography with Fluorescence Detection

Specimen No.		8	10	---	---	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Bisphenol A (BPA)	80-05-7	ND	ND	---	---	ND
Conclusion		PASS	PASS	---	---	

Note:
 ppm (Parts per million) = mg/kg (Milligrams per kilogram)
 LT = Less than
 ND = Not Detected (Reporting Limit = 1 ppm)

Data Consolidation Reference

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
10	15H-05680	3	November 20, 2015

DETAILED RESULTS:

FDA 21 CFR 177.1210, Closures with Sealing Gaskets

Test Method: FDA 21 CFR 177.1210[#]

Specimen No.			10	RL	Limit
Test Item	Test Condition		Result		
	Temp.	Duration			
Distilled water extractive (ppm)	Fill boiling, cool to 100°F	120 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.			8	RL	Limit
Test Item	Test Condition		Result		
	Temp.	Duration			
Density (g/cc)	NA	NA	0.901	NA	0.85 – 1.00
n-Hexane extractive (% w/w)	50 °C	2 hours	0.7	0.4	5.5
Xylene extractive (% w/w)	25 °C	1 hour	2.1	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 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.	12	---	---	---	---	Limit (% m/m)
Test Item	Result (% m/m)	Result (% m/m)	Result (% m/m)	Result (% m/m)	Result (% m/m)	
Total Chromium (Cr)	18	---	---	---	---	GT 16
Conclusion	PASS	---	---	---	---	

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

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

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Red plastic	Moving part of handle (parts style)
2	Orange plastic	Moving part of handle (parts style)
3	Green plastic	Moving part of handle (parts style)
4	Blue plastic	Moving part of handle (parts style)
5	Purple plastic	Moving part of handle (parts style)
6	Black plastic	Moving part of handle (parts style)
7	Dull black plastic	Lid/ handle (parts style)
8	Dull black plastic (PP-co)	Lid (parts style)
9	Black foam with adhesive	Bottom pad (large/ medium/ small styles)
10	Black soft plastic (Silicone)	Gasket (parts style)
11	Silvery metal	Outer wall (large/ medium/ small styles)
12	Dull silvery metal (SS304)	Inner wall (large/ medium/ small styles)
13	Bright silvery metal	Axle of handle (parts style)
14	Matt silvery metal	Spring of handle (parts style)

SAMPLE PHOTO:



-End Report-