

TEST REPORT

Test Report # 16H-05816 Date of Report Issue: October 19, 2016
Date of Sample Received: September 6, 2016 Pages: Page 1 of 11

CLIENT INFORMATION:

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



SAMPLE INFORMATION:

Description: 18 oz Stainless steel Discus Tumbler
Assortment: 3 colors Purchase Order Number: 173597
SKU No.: 5720 Agent: Growth-Sonic
Factory No.: 127628 Country of Origin: China
Country of Distribution: United States Labeled Age Grade: -
Quantity Submitted: 7 pcs (Blue), 5 pcs (red, Black) Recommended Age Grade: -
Testing Period: 09/06/2016 – 09/14/2016 Tested Age Grade: -
10/12/2016 – 10/19/2016

OVERALL RESULT:

 **PASS**

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

ANSECO GROUP (HK) LIMITED



Vincent Chow Wai Kit
Manager, Chemical Laboratory

ANSECO GROUP (HK) LIMITED • 3/F Liven House • No. 61 – 63 King Yip Street • Kwun Tong • Kowloon • Hong Kong • Tel: (852)3185 8000

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 and Bisphenol S [#]
PASS	FDA 21 CFR 177.1210, Closures with Sealing Gaskets [#]
PASS	FDA 21 CFR 177.1520, Polypropylene Homopolymers
PASS	Canadian Consumer Products Containing Lead (Contact with Mouth) Regulation SOR/2010-273 as Amended by SOR/2016-171, Total Lead in Accessible Substrates

Remark:

CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings and Canadian Surface Coating Materials Regulations SOR/2016-193, Total Lead and Mercury in Paints and Surface Coatings were 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.	4	5	6+7	8+9	10+11	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.	12	13	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	33	ND	---	---	---	100
Conclusion	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.		1	2	3	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	ND
Bisphenol S (BPS)	80-09-1	ND	ND	ND	ND	ND
Conclusion		PASS	PASS	PASS	PASS	

Specimen No.		9	10	11	---	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		

Specimen No.			9	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 177.1210, 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	130 minutes	ND	10	50
Conclusion			PASS		

Specimen No.			11	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 Homopolymers

Test Method: FDA 21 CFR 177.1520

Specimen No.			1	RL	Limit
Test Item	Test Condition		Result		
	Temp.	Duration			
Density (g/cc)	NA	NA	0.898	NA	0.880 – 0.913
Melting point (°C)	NA	NA	167.2	NA	150 – 180
n-Hexane extractive (% w/w)	Reflux	2 hours	1.1	0.1	6.4
Xylene extractive (% w/w)	25°C	1 hour	1.6	0.5	9.8
Conclusion			PASS		

Specimen No.			2	RL	Limit
Test Item	Test Condition		Result		
	Temp.	Duration			
Density (g/cc)	NA	NA	0.900	NA	0.880 – 0.913
Melting point (°C)	NA	NA	165.3	NA	150 – 180
n-Hexane extractive (% w/w)	Reflux	2 hours	1.4	0.1	6.4
Xylene extractive (% w/w)	25°C	1 hour	2.6	0.5	9.8
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) 1.1.

DETAILED RESULTS:

FDA 21 CFR 177.1520, Polypropylene Homopolymers

Test Method: FDA 21 CFR 177.1520

Specimen No.			3	RL	Limit
Test Item	Test Condition		Result		
	Temp.	Duration			
Density (g/cc)	NA	NA	0.898	NA	0.880 – 0.913
Melting point (°C)	NA	NA	167.2	NA	150 – 180
n-Hexane extractive (% w/w)	Reflux	2 hours	1.0	0.1	6.4
Xylene extractive (% w/w)	25°C	1 hour	1.2	0.5	9.8
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) 1.1.

DETAILED RESULTS:

Canadian Consumer Products Containing Lead (Contact with Mouth) Regulation SOR/2010-273 as Amended by SOR/2016-171, 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.	4	5	6+7	8+9	10+11	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	

Specimen No.	12	13	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	33	ND	---	---	---	90
Conclusion	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 plastic (PP-homo)	Lid/ inner wall (red style)
2	Blue plastic (PP-homo)	Lid/ inner wall (blue style)
3	Black plastic (PP-homo)	Lid/ inner wall (black style)
4	Red plastic	Lid/ inner wall/ cover of lid (red style)
5	Blue plastic	Lid/ inner wall/cover of lid (blue style)
6	Black plastic	Lid/ inner wall/ cover of lid (black style)
7	Transparent plastic	Outer wall of cup (all styles)
8	Red soft plastic (TPR)	Seal/ stopper of lid (red style)
9	Blue soft plastic (TPR)	Seal/ stopper of lid (blue style)
10	Black soft plastic (TPR)	Seal/ stopper of lid (black style)
11	Translucent plastic (silicone)	Ring of lid (all styles)
12	Black foam with glue	Bottom (all styles)
13	Silvery metal	Outer wall of cup (all styles)

SAMPLE PHOTO:



-End Report-