





TEST REPORT

Test Report # 16H-03431 Date of Report Issue: June 24, 2016
Date of Sample Received: June 17, 2016 Pages: Page 1 of 14

CLIENT INFORMATION:

Company: Hit Promotional Products

Recipient: Nathan Cotter

Recipient Email: ncotter@hitpromo.net

SAMPLE INFORMATION:

Description: 29oz. Tritan Tumbler

Assortment: 6 colors Purchase Order Number: 166713

SKU No.: 5638 Agent: Headwind (Chairs,

Bottles)

Factory No.: 129930 Country of Origin: China

Country of Distribution: United States Labeled Age Grade: -

Quantity Submitted: 3 pcs per style Recommended Age Grade: -

Testing Period: 06/17/2016 – 06/24/2016 Tested Age Grade: -

OVERALL RESULT:

P PASS

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

ANSECO GROUP (HK) LIMITED

Vincent Chow Wai Kit

Manager, Chemical Laboratory

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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, Polyethylene
PASS	FDA 21 CFR 177.1520, Polypropylene Homopolymers
PASS	FDA 21 CFR 177.1630, Polyethylene Phthalate Polymers
PASS	Canadian Consumer Products Containing Lead (Contact with Mouth) Regulation (SOR/2010-273), Total Lead in Accessible Substrates

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.

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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+8	9	10+11	Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (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.

Data Consolidation Reference

Specimen No.	Transferro	Date of Issue	
	Report No.	Specimen No.	Date of issue
9	16H-02053	1	April 26, 2016

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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	9	10	
Test Item	CAS No.	Result (ppb)	Result (ppb)	Result (ppb)	Result (ppb)	Limit (ppb)
Bisphenol A (BPA)	80-05-7	ND	ND	ND	ND	ND
Bisphenol S (BPS)	80-09-1	ND	ND	ND	ND	ND
Conclusi	on	PASS	PASS	PASS	PASS	

Specimen No.		11	12	13	14	
Test Item CA	CAS No.	CAS No Result	Result	Result	Result	Limit
restricin	CAS NO.	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
Bisphenol A (BPA)	80-05-7	ND	ND	ND	ND	ND
Bisphenol S (BPS)	80-09-1	ND	ND	ND	ND	ND
Conclusi	on	PASS	PASS	PASS	PASS	

Specimen No.		15	16	17		
Test Item	CAS No.	Result	Result	Result	Result	Limit
	CAS NO.	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
Bisphenol A (BPA)	80-05-7	ND	ND	ND		ND
Bisphenol S (BPS)	80-09-1	ND	ND	ND		ND
Conclusi	ion	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)

Data Consolidation Reference

Cnasiman Na	Transferro	Date of Issue	
Specimen No.	Report No.	Specimen No.	Date of issue
9	16H-02053	1 (BPA only)	April 26, 2016
11	16H-00336	1 (BPA only)	April 28, 2016

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DETAILED RESULTS:

FDA 21 CFR 177.1210, Closures with Sealing Gaskets

Test Method: FDA 21 CFR 177.1210#

Specimen No	1				
Tost Itom	Test Condition		Danielt	DI	Limaia
Test Item	Temp.	Duration	Result	RL	Limit
Distilled water extractive (ppm)	pm) 120°F 24 hours			10	50
Conclusion	PASS				

Specimen No	2				
Tost Itom	Test Condition		Doorda	RL	Limit
Test Item	Temp.	Duration	Result	KL	LIIIII
Distilled water extractive (ppm) 120°F 24 hours			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.

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DETAILED RESULTS:

FDA 21 CFR 177.1520, Polyethylene

Test Method: FDA 21 CFR 177.1520

Specimen No	10				
Test Item	Test Co	ndition	Result	DI	Limit
rest item	Temp.	Duration	Result	RL	Limit
Density (g/cc)	NA	NA	0.921	NA	0.85 – 1.00
n-Hexane extractive (% m/m)	n-Hexane extractive (% m/m) 50°C 2 hours		0.4	0.4	6.4
Xylene extractive (% m/m) Reflux 2 hours			1.8	1.0	9.8
Conclusion	PASS				

Note:

Temp. = Temperature

°C = Degree Celcius

g/cc = Grams per cubic centimeter

% m/m = Percent by mass

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) 2.1.

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DETAILED RESULTS:

FDA 21 CFR 177.1520, Polypropylene Homopolymers

Test Method: FDA 21 CFR 177.1520

Specimen No	11				
Test Item	Test Co	ndition	Result	RL	Limit
rest item	Temp.	Duration	Result	KL	Limit
Density (g/cc)	NA	NA	0.902	NA	0.880 - 0.913
Melting point (°C)	NA	NA	167.5	NA	150 – 180
n-Hexane extractive (% w/w)	Reflux	2 hours	1.8	0.1	6.4
Xylene extractive (% w/w)	25°C	1 hour	2.6	0.5	9.8
Conclusion	PASS				

Specimen No	12				
Test Item	Test Co	ndition	Result	RL	Limit
rest item	Temp.	Duration	Result	KL	Limit
Density (g/cc)	NA	NA	0.903	NA	0.880 -
Density (g/cc)	INA	IVA	0.505	IVA	0.913
Melting point (°C)	NA	NA	165.4	NA	150 – 180
n-Hexane extractive (% w/w)	Reflux	2 hours	1.9	0.1	6.4
Xylene extractive (% w/w)	25°C	1 hour	2.8	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.

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DETAILED RESULTS:

FDA 21 CFR 177.1520, Polypropylene Homopolymers

Test Method: FDA 21 CFR 177.1520

Specimen No.			13		
Test Item	Test Co	ndition	Result	RL	Limit
rest item	Temp.	Duration	Result	KL	Limit
Density (g/cc)	NA	NA	0.899	NA	0.880 - 0.913
Melting point (°C)	NA	NA	167.5	NA	150 – 180
n-Hexane extractive (% w/w)	Reflux	2 hours	1.8	0.1	6.4
Xylene extractive (% w/w)	25°C	1 hour	2.2	0.5	9.8
Conclusion	PASS				

Specimen No.			14		
Test Item	Test Co	ondition	Posult.	RL	Limit
restitem	Temp.	Duration	Result	KL	Limit
Density (g/cc)	NA	NA	0.901	NA	0.880 - 0.913
Melting point (°C)	NA	NA	167.4	NA	150 – 180
n-Hexane extractive (% w/w)	Reflux	2 hours	1.6	0.1	6.4
Xylene extractive (% w/w)	25°C	1 hour	2.3	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.

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DETAILED RESULTS:

FDA 21 CFR 177.1520, Polypropylene Homopolymers

Test Method: FDA 21 CFR 177.1520

Specimen No.			15		
Test Item	Test Co	ndition	Result	RL	Limit
rest item	Temp.	Duration	Result	KL	Limit
Density (g/cc)	NA	NA	0.903	NA	0.880 - 0.913
Melting point (°C)	NA	NA	168.1	NA	150 – 180
n-Hexane extractive (% w/w)	Reflux	2 hours	1.7	0.1	6.4
Xylene extractive (% w/w)	25°C	1 hour	2.5	0.5	9.8
Conclusion	PASS				

Specimen No.			16		
Test Item	Test Co	ndition	Result	RL	Limit
rest item	Temp.	Duration	Result	KL	Limit
Density (g/cc)	NA	NA	0.902	NA	0.880 -
Definity (g/cc)	IVA	IVA	0.502	IVA	0.913
Melting point (°C)	NA	NA	168.9	NA	150 – 180
n-Hexane extractive (% w/w)	Reflux	2 hours	1.9	0.1	6.4
Xylene extractive (% w/w)	25°C	1 hour	2.4	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.

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DETAILED RESULTS:

FDA 21 CFR 177.1520, Polypropylene Homopolymers

Test Method: FDA 21 CFR 177.1520

Specimen No.			17		
Test Item	Test Condition		Result	RL	Limit
rest item	Temp.	Duration	Result	KL	Limit
Density (g/cc)	NA	NA	0.892	NA	0.880 - 0.913
Melting point (°C)	NA	NA	167.4	NA	150 – 180
n-Hexane extractive (% w/w)	Reflux	2 hours	1.7	0.1	6.4
Xylene extractive (% w/w)	25°C	1 hour	2.5	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.

Data Consolidation Reference

	Spacimon No	Transferro	Date of Issue	
3	Specimen No.	Report No.	Specimen No.	Date of Issue
	11	16H-00336	1	April 28, 2016

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DETAILED RESULTS:

FDA 21 CFR 177.1630, Polyethylene Phthalate Polymers

Test Method: FDA 21 CFR 177.1630

Specimen No.			9		
Test Item	Test Condition		Result	DI	l incit
rest item	Temp. Duration		Result	RL	Limit
Distilled water extractive (mg/in²)	250°F	2 hours	0.11	0.1	0.5
n-Heptane extractive (mg/in²)	150°F 2 hours		ND	0.1	0.5
Conclusion			PASS		

Note:

Temp. = Temperature

°F = Degree Fahrenheit

mg/in² = Milligrams per square inch

LT = Less than

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

Remark:

The specification is quoted from 21 CFR 177.1630 (f).

Data Consolidation Reference

Specimen No.	Transferro	Date of Issue	
Specimen No.	Report No.	Specimen No.	Date of Issue
9	16H-02053	1	April 26, 2016

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Test Report # 16H-03431 Pages: Page 12 of 14

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.	1+2	3+4+5	6+7+8	9	10+11	Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (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.

Data Consolidation Reference

Spacimon No	Transferro	Date of Issue	
Specimen No.	Report No.	Specimen No.	Date of issue
9	16H-02053	1	April 26, 2016

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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Translucent soft plastic (Silicone)	Gasket (all styles)
2	White soft plastic (Silicone)	Stopper (all styles)
3	Red plastic	Spout/ handle (red style)
4	Pink plastic	Spout/ handle (pink style)
5	Orange plastic	Spout/ handle (orange style)
6	Green plastic	Spout/ handle (green style)
7	Blue plastic	Spout/ handle (blue style)
8	Purple plastic	Spout/ handle (purple style)
9	Transparent black plastic (Tritan)	Body (all styles)
10	Translucent plastic (PE)	Straw (all styles)
11	Black plastic (PP-homo)	Lid (all styles)
12	Red plastic (PP-homo)	Spout (red style)
13	Pink plastic (PP-homo)	Spout (pink style)
14	Orange plastic (PP-homo)	Spout (orange style)
15	Green plastic (PP-homo)	Spout (green style)
16	Blue plastic (PP-homo)	Spout (blue style)
17	Purple plastic (PP-homo)	Spout (purple style)

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SAMPLE PHOTO:



-End Report-

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