





TEST REPORT

Test Report # 18H-007748(A1) Date of Report Issue: December 12, 2018

Date of Sample Received: October 8, 2018 Pages: Page 1 of 19

CLIENT INFORMATION:

Company: Hit Promotional Products

Recipient: Nathan Cotter

Recipient Email: ncotter@hitpromo.net







SAMPLE INFORMATION:

Description: Stainless Steel Straw, Paper Straw, Stainless Steel Straw, Silicon Top and

Cleaning Brush

Assortment: Refer to Page 2 to 3 Purchase Order Number: Refer to Page 2 to 3 SKU No.: Refer to Page 2 to 3 Agent: Refer to Page 2 to 3

Factory No.: Refer to Page 2 to 3 Country of Origin: China

Country of Distribution: United States Labeled Age Grade:
Quantity Submitted: Refer to Page 2 to 3 Recommended Age Grade:
Testing Period: Refer to Page 2 to 3 Tested Age Grade: -

OVERALL RESULT:

PASS

Refer to page 4 for test result summary and appropriate notes.

ANSECO GROUP (HK) LIMITED



Loska Yeung Lok Ka Assistant Manager, Chemical Laboratory ANSECO GROUP (HK) LIMITED

Ricky Cheung Chin Yeung Manager, Physical Laboratory

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ASSORTMENT/ SKU/ FACTORY NO./ AGENT/ QUANTITY SUBMITTED/ TESTING PERIOD DETAILED:

Style description	Assortment	SKU No.	Factory No.	PO No.	Agent	Qty.	Testing Period	
Stainless Steel Straw - Red	2 colors	5202	-	-	Growth-Sonic	1 pc	10/09/2018 –	
Stainless Steel Straw - Orange	2 colors	5202	-	-	Growth-Sonic	1 pc	10/18/2018	
Straw Bag - Red	7 colors	5200	106753	-	Brand New Days	2 pcs		
Straw Bag - Orange	7 colors	5200	106753	-	Brand New Days	2 pcs		
Straw Bag - Green	7 colors	5200	106753	-	Brand New Days	2 pcs		
Straw Bag - Blue	7 colors	5200	106753	-	Brand New Days	2 pcs		
Straw Bag - Pink	7 colors	5200	106753	-	Brand New Days	2 pcs		
Paper Straw - Red	7 colors	5200	106753	277660	Brand New Days	35 pcs	/ /	
Paper Straw - Orange	7 colors	5200	106753	277660	Brand New Days	35 pcs	09/19/2018 – 09/28/2018	
Paper Straw - Green	7 colors	5200	106753	277660	Brand New Days	35 pcs	10/04/2018 -	
Paper Straw - Blue	7 colors	5200	106753	277660	Brand New Days	34 pcs	10/09/2018	
Paper Straw - Purple	7 colors	5200	106753	277660	Brand New Days	35 pcs	10/24/2018 – 11/05/2018	
Paper Straw - Black	7 colors	5200	106753	277660	Brand New Days	35 pcs	11/03/2010	
Paper Straw - Pink	7 colors	5200	106753	277660	Brand New Days	35 pcs		
Parts	-	-	-		-	1 lot		
Dry paints	-	-	-		-	1 lot		
Straw Bag - Purple	7 colors	5200	106753	277660	Brand New Days	2 pcs		
Straw Bag - Black	7 colors	5200	106753	277660	Brand New Days	2 pcs		

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ASSORTMENT/ SKU/ FACTORY NO./ AGENT/ QUANTITY SUBMITTED/ TESTING PERIOD DETAILED:

Style description	Assortment	SKU No.	Factory No.	PO No.	Agent	Qty.	Testing Period
Stainless Steel Straw, Silicon Top and Cleaning Brush - Red	6 colors	5202 & 5208	127827	276106 & 276079	Growth-Sonic	5 pcs	
Stainless Steel Straw, Silicon Top and Cleaning Brush - Orange	6 colors	5202 & 5208	127827	276106 & 276079	Growth-Sonic	5 pcs	
Stainless Steel Straw, Silicon Top and Cleaning Brush - Green	6 colors	5202 & 5208	127827	276106 & 276079	Growth-Sonic	5 pcs	09/14/2018 –
Stainless Steel Straw, Silicon Top and Cleaning Brush - Blue	6 colors	5202 & 5208	127827	276106 & 276079	Growth-Sonic	5 pcs	09/26/2018
Stainless Steel Straw, Silicon Top and Cleaning Brush - Purple	6 colors	5202 & 5208	127827	276106 & 276079	Growth-Sonic	5 pcs	
Stainless Steel Straw, Silicon Top and Cleaning Brush - Black	6 colors	5202 & 5208	127827	276106 & 276079	Growth-Sonic	5 pcs	

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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	California Proposition 65, Total Lead in Substrate Materials
PASS	Client's Requirement, Bisphenol A and Bisphenol S#
PASS	FDA 21 CFR 176.170, Components of Paper and Paper Board in Contact with Aqueous and Fatty Food#
PASS	FDA 21 CFR 177.2600, Rubber
PASS	FDA GRAS Specifications, Total Chromium in Stainless Steel Food Contact Utensils#
PASS	Canadian Consumer Products Containing Lead (Contact with Mouth) Regulation SOR/2010-273 as Amended by SOR/2016-171, Total Lead in Accessible Substrates
PASS	ASTM B117-16 Resistance to Corrosion#

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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.	2	3+4+5	6+7	15+16	17+18	Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND	ND	ND	ND	LT 31	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	19+20+21	22+23+24	26			Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND	ND	ND			100
Conclusion	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.

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DETAILED RESULTS:

California Proposition 65, 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	15+16	17+18	Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND	ND	ND	ND	LT 31	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	19+20+21	22+23+24	26			Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND	ND	ND			100
Conclusion	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.

Remark:

CS-HK-RE005-HITP

The specification is quoted from client's requirement.

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Test Report # 18H-007748(A1) Pages: Page 7 of 19

DETAILED RESULTS:

Client's Requirement, Bisphenol A and Bisphenol S

Test Method: In-House Method*

Analytical Method: Liquid Chromatography with Mass Spectrometry

Specimen No.		8	9	10	11	
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	ion	PASS	PASS	PASS	PASS	

Specimen No.		12	13	14	19	
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
Conclusion		PASS	PASS	PASS	PASS	

Note:

ppb (Parts per billion) = μ g/kg (Micrograms per kilogram)

NA = Not applicable

LT = Less than

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

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DETAILED RESULTS:

Client's Requirement, Bisphenol A and Bisphenol S

Test Method: In-House Method*

Analytical Method: Liquid Chromatography with Mass Spectrometry

Specimen No.		20	21	22	23	
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	ion	PASS	PASS	PASS	PASS	

Specimen No.		24				
Test Item	CAS No.	Result (ppb)	Result (ppb)	Result (ppb)	Result (ppb)	Limit (ppb)
Bisphenol A (BPA)	80-05-7	ND				ND
Bisphenol S (BPS)	80-09-1	ND				ND
Conclusi	ion	PASS				

Note:

ppb (Parts per billion) = μ g/kg (Micrograms per kilogram)

NA = Not applicable

LT = Less than

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

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Test Report # 18H-007748(A1) Pages: Page 9 of 19

DETAILED RESULTS:

FDA 21 CFR 176.170, Components of Paper and Paper Board in Contact with Aqueous and Fatty Food

Test Method: FDA 21 CFR 176.170#

Specime	8	9				
Test Item	Test Co	ndition	Result	Result	RL	Limit
restitem	Temp.	Duration	(mg/in²)	(mg/in²)	(mg/in ²)	(mg/in ²)
Distilled water extractive	120°F	24 hours	ND	ND	0.10	0.50
50% Ethanol extractive	120°F	24 hours	ND	ND	0.10	0.50
		Conclusion	PASS	PASS		

Specimen No.			10	11		
Test Item	Test Co	ndition	Result	Result	RL	Limit
restitem	Temp.	Duration	(mg/in²)	(mg/in²)	(mg/in ²)	(mg/in²)
Distilled water extractive	120 ⁰ F	24 hours	ND	ND	0.10	0.50
50% Ethanol extractive	120 ⁰ F	120 ⁰ F 24 hours		ND	0.10	0.50
		Conclusion	PASS	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 176.170 (c).

*The chloroform-soluble extractive analysis was conducted.

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Test Report # 18H-007748(A1) Pages: Page 10 of 19

DETAILED RESULTS:

FDA 21 CFR 176.170, Components of Paper and Paper Board in Contact with Aqueous and Fatty Food

Test Method: FDA 21 CFR 176.170#

Specimen No.			12	13		
Test Item	Test Co	ndition	Result	Result	RL	Limit
restitem	Temp.	Duration	(mg/in²)	(mg/in²)	(mg/in ²)	(mg/in ²)
Distilled water extractive	120°F	24 hours	ND	ND	0.10	0.50
50% Ethanol extractive	120°F	24 hours	ND	ND	0.10	0.50
		Conclusion	PASS	PASS		

Specimen No.			14			
Test Item	Test Co	ndition	Result	Result	RL	Limit
restitem	Temp.	Duration	(mg/in²)	(mg/in²)	(mg/in ²)	(mg/in²)
Distilled water extractive	120 ⁰ F	24 hours	ND		0.10	0.50
50% Ethanol extractive	120 ⁰ F	24 hours	ND		0.10	0.50
		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 176.170 (c).

*The chloroform-soluble extractive analysis was conducted.

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DETAILED RESULTS:

FDA 21 CFR 177.2600, Rubber

Test Method: FDA 21 CFR 177.2600

Specimen No	19				
Test Item	Test Condition		Result	DI	Limit
restitem	Temp.			RL	Limit
Distilled water extractive (mg/in²)	Reflux	First 7 hours	ND	2	20
Distilled water extractive (mg/in²)	Reflux	Succeeding 2 hours	ND	0.1	1
Conclusion	PASS				

Specimen No	20				
Test Item	Test Condition		Result	RL	Limit
rest item	Temp.	Duration	Result	KL	LIIIII
Distilled water extractive (mg/in²)	Reflux	First	ND	2	20
Distilled water extractive (mg/m/)	Renux	7 hours	ND	2	20
Distilled water extractive (mg/in²)	Reflux	Succeeding	ND	0.1	1
Distilled water extractive (mg/m/)	Kenux	2 hours	טא	0.1	1
Conclusion	PASS				

Note:

Temp. = Temperature

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 177.2600 (e).

From Client's information, rubber article was intended for repeated use in contact with aqueous food only, therefore n-hexane extractive was not conducted.

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DETAILED RESULTS:

FDA 21 CFR 177.2600, Rubber

Test Method: FDA 21 CFR 177.2600

Specimen No	21				
Test Item	Test Condition		Result	RL	Limit
rest item	Temp.	Duration	Result	KL	LIIIII
Distilled water extractive (mg/in²)	Reflux	First 7 hours	ND	2	20
Distilled water extractive (mg/in²)	Reflux	Succeeding 2 hours	ND	0.1	1
Conclusion	PASS				

Specimen No	22				
Test Item	Test Condition		Result	RL	Limit
rest item	Temp.	Duration	Result	KL	LIIIII
Distilled water extractive (mg/in²)	Reflux	First	ND	2	20
Distilled water extractive (mg/m/)	Renux	7 hours	ND	2	20
Distilled water extractive (mg/in²)	Reflux	Succeeding	ND	0.1	1
Distilled water extractive (mg/m/)	Kenux	2 hours	טא	0.1	1
Conclusion	PASS				

Note:

Temp. = Temperature

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 177.2600 (e).

From Client's information, rubber article was intended for repeated use in contact with aqueous food only, therefore n-hexane extractive was not conducted.

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DETAILED RESULTS:

FDA 21 CFR 177.2600, Rubber

Test Method: FDA 21 CFR 177.2600

Specimen No	23				
Test Item	Test Condition		Result	RL	Limit
restitem	Temp.	Duration	Result	KL	LITTIL
Distilled water extractive (mg/in²)	Reflux	First 7 hours	ND	2	20
Distilled water extractive (mg/in²)	Reflux	Succeeding 2 hours	0.14	0.1	1
Conclusion	PASS				

Specimen No	24				
Test Item	Test Condition		Result	RL	Limit
rest item	Temp.	Duration	Result	KL	LIIIII
Distilled water extractive (mg/in²)	Reflux	First	ND	2	20
Distilled water extractive (mg/m/)	Renux	7 hours	ND	2	20
Distilled water extractive (mg/in²)	Reflux	Succeeding	ND	0.1	1
Distilled water extractive (mg/m/)	Kenux	2 hours	טא	0.1	1
Conclusion	PASS				

Note:

Temp. = Temperature

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 177.2600 (e).

From Client's information, rubber article was intended for repeated use in contact with aqueous food only, therefore n-hexane extractive was not conducted.

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DETAILED RESULTS:

FDA GRAS Specifications, Total Chromium in Stainless Steel Food Contact Utensils

Test Method: In-House Method#

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	25					
Test Item	Result (% m/m)	Limit (% m/m)				
Total Chromium (Cr)	18.9					GT 10.5
Conclusion	PASS					

Note:

% m/m = Percent by mass

GT = Greater than

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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.	2	3+4+5	6+7	15+16	19+20+21	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	

Specimen No.	22+23+24	26				Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND	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.

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DETAILED RESULTS:

ASTM B117-16 Resistance to Corrosion

Test Method: ASTM B117-16#

Analytical Method: Salt Spray (Fog) Apparatus

Evaluation: In-house rating

Specimen no.:	1	Rating Conclusion	Conclusion
Condition	Observation		
1% Sodium chloride solution for 24 hours	Rusting was not found on test sample.	6	PASS

Notes:

NR = Not required; NA = Not applicable

Rating (quantity of defect): Rating 6 = Completely free of corrosion

Rating 5 = Very minor, i.e., little or barely corrosion Rating 4 = Minor, i.e., little but significant corrosion Rating 3 = Moderate, i.e., scattered corrosion Rating 2 = Extensive, i.e., considerable corrosion

Rating 1 = Severe, i.e., dense corrosion

Requirement: Rating 6 = PASS; Rating 5 or below = FAIL (See Failure photo)

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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Silvery metal	Straw (new stainless steel straw style)
2	Black printed white plastic	Sewn in label (all straw bag styles)
3	Red pp non-woven	Straw bag (straw bag-red style)
4	Blue pp non-woven	Straw bag (straw bag-blue style)
5	Orange pp non-woven	Straw bag (straw bag-orange style)
6	Green pp non-woven	Straw bag (straw bag-green style)
7	Pink pp non-woven	Straw bag (straw bag-pink style)
8	Red printed white paper	Straw (paper straw-red style)
9	Blue printed white paper	Straw (paper straw-blue style)
10	Orange printed white paper	Straw (paper straw-orange style)
11	Green printed white paper	Straw (paper straw-green style)
12	Pink printed white paper	Straw (paper straw-pink style)
13	Black printed white paper	Straw (paper straw-black style)
14	Purple printed white paper	Straw (paper straw-purple style)
15	Purple pp non-woven	Straw bag (straw bag-purple style)
16	Black pp non-woven	Straw bag (straw bag-black style)
17	White plastic	Tip of brush (brush style)
18	Transparent plastic	Hair of brush (brush style)
19	Red soft plastic (Silicone)	Sipper of straw (sipper-red style)
20	Orange soft plastic (Silicone)	Sipper of straw (sipper-orange style)
21	Green soft plastic (Silicone)	Sipper of straw (sipper-green style)
22	Blue soft plastic (Silicone)	Sipper of straw (sipper-blue style)
23	Purple soft plastic (Silicone)	Sipper of straw (sipper-purple style)
24	Black soft plastic (Silicone)	Sipper of straw (sipper-black style)
25	Silvery metal (304SS)	Straw (stainless steel straw styles)
26	Silvery metal	Straw/ wire of brush (stainless steel straw/ brush styles)

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SAMPLE PHOTO:





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SAMPLE PHOTO:





-End Report-

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