





TEST REPORT

Test Report # 19H-005192 Date of Report Issue: July 18, 2019
Date of Sample Received: July 9, 2019 Pages: Page 1 of 16

CLIENT INFORMATION:

Company: Hit Promotional Products

Recipient: Nathan Cotter

Recipient Email: ncotter@hitpromo.net

SAMPLE INFORMATION:

Description: 3PC SPLIT STRAW IN PP CASE WITH CARABINER/3PC BAMBOO FIBRE SPLIT

STRAW IN BAMBOO CASE WITH CARABINER

Assortment: 8 colors/5 colors Purchase Order Number: 315263 / 315306

SKU No.: 5223/ 5224 Agent: Brand New Days

Factory No.: 106788 Country of Origin: China

Country of Distribution: United States Labeled Age Grade: -

Quantity Submitted: Refer to Page 2 Recommended Age Grade: -

Testing Period: 07/09/2019 – 07/18/2019 Tested Age Grade: -

OVERALL RESULT:

PASS

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

QIMA Testing (HK) Limited



Loska Yeung Lok Ka

Assistant Manager, Chemical Laboratory

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QUANTITY SUBMITTED DETAILED:

Style description	Qty.
3PC SPLIT STRAW IN PP CASE WITH CARABINER - Red	1 pc
3PC SPLIT STRAW IN PP CASE WITH CARABINER - Orange	2 pcs
3PC SPLIT STRAW IN PP CASE WITH CARABINER - Lime	1 pc
3PC SPLIT STRAW IN PP CASE WITH CARABINER - Blue	2 pcs
3PC SPLIT STRAW IN PP CASE WITH CARABINER - Purple	1 pc
3PC SPLIT STRAW IN PP CASE WITH CARABINER - Black	1 pc
3PC SPLIT STRAW IN PP CASE WITH CARABINER - Yellow	1 pc
3PC SPLIT STRAW IN PP CASE WITH CARABINER - White	1 pc
3PC BAMBOO FIBRE SPLIT STRAW IN BAMBOO CASE WITH CARABINER - Lime	6 pcs
3PC BAMBOO FIBRE SPLIT STRAW IN BAMBOO CASE WITH CARABINER - Blue	6 pcs
Parts	1 lot

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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 177.1520, Polypropylene Copolymers
PASS	Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content

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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	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	

Specimen No.	11	12	13	14	15+16	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	

Specimen No.	17	18	19			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.	1+2+3	4+5+6	7+8	9	10	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	

Specimen No.	11	12	13	14	15+16	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	

Specimen No.	17	18	19			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:

The specification is quoted from client's requirement.

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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 or

Liquid Chromatography with Mass Spectrometry 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	on	PASS	PASS	PASS	PASS	

Specimen No.		24	25			
Test Item	Task thans	Result	Result	Result	Result	Limit
Test item	CAS No.	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
Bisphenol A (BPA)	80-05-7	ND	ND			ND
Bisphenol S (BPS)	80-09-1	ND	ND			ND
Conclusi	ion	PASS	PASS			

Note:

ppb (Parts per billion) = μg/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:

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	21	22				
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°F	120°F 24 hours		0.13	0.10	0.5
		Conclusion	PASS	PASS		

Specime	23	24				
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	120°F 24 hours		0.12	0.10	0.5
		Conclusion	PASS	PASS		

Specimen No.			25			
Test Item	Test Condition		Result	Result	RL	Limit
restitem	Temp.	Duration	(mg/in²)	(mg/in²)	(mg/in ²)	(mg/in²)
Distilled water extractive	120°F	24 hours	0.13		0.10	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 176.170 (c).

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DETAILED RESULTS:

FDA 21 CFR 177.1520, Polypropylene Copolymers

Test Method: FDA 21 CFR 177.1520

Specimen No.			20	21		
Test Item	Temp.	Duration	Result	Result	RL	Limit
Density (g/cc)	NA	NA	0.900	0.945	NA	0.85-1.00
n-Hexane extractive (%)	50°C	2 hours	4.5	3.2	0.4	5.5
Xylene extractive (%)	Reflux	2 hours or until total dissolved	10.4	9.7	1.0	30
Conclusion			PASS	PASS		

Specimen No.			22	23		
Test Item	Temp.	Duration	Result	Result	RL	Limit
Density (g/cc)	NA	NA	0.940	0.937	NA	0.85-1.00
n-Hexane extractive (%)	50°C	2 hours	3.1	3.5	0.4	5.5
Xylene extractive (%)	Reflux	2 hours or until total dissolved	9.6	7.2	1.0	30
Conclusion			PASS	PASS		

Note:

Temp. = Temperature

°C = Degree Celsius

g/cc = Grams per cubic centimeter

% = 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.

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DETAILED RESULTS:

FDA 21 CFR 177.1520, Polypropylene Copolymers

Test Method: FDA 21 CFR 177.1520

Specimen No.			24	25		
Test Item	Temp.	Duration	Result	Result	RL	Limit
Density (g/cc)	NA	NA	0.941	0.966	NA	0.85-1.00
n-Hexane extractive (%)	50°C	2 hours	3.1	3.3	0.4	5.5
Xylene extractive (%)	Reflux	2 hours or until total dissolved	8.0	9.2	1.0	30
Conclusion			PASS	PASS		

Note:

Temp. = Temperature

°C = Degree Celsius

g/cc = Grams per cubic centimeter

% = 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.



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DETAILED RESULTS:

Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content

Test Method: ASTM F963-17 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	9	10	11	12	13	
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Limit (mg/kg)
Total Lead (Pb)	ND	ND	ND	ND	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	14					
Test Item	Result	Result	Result	Result	Result	Limit
rest item	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Total Lead (Pb)	ND					90
Conclusion	PASS					

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 20 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.



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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Red plastic	Lid (split straw in PP case – red style)
2	Orange plastic	Lid (split straw in PP case – orange style)
3	Green plastic	Lid (split straw in PP case – lime style)
4	Blue plastic	Lid (split straw in PP case – blue style)
5	Purple plastic	Lid (split straw in PP case – purple style)
6	Black plastic	Lid (split straw in PP case – black style)
7	Yellow plastic	Lid (split straw in PP case – yellow style)
8	White plastic	Lid (split straw in PP case – white style)
9	Dull translucent plastic	Case/ straw (all split straw in PP case styles)
10	Multicolor plastic	Lid/ case/ straw (bamboo fibre split straw in bamboo case – lime style)
11	Multicolor plastic	Lid/ case/ straw (bamboo fibre split straw in bamboo case – blue style)
12	Multicolor plastic	Lid/ case/ straw (parts style)
13	Multicolor plastic	Lid/ case/ straw (parts style)
14	Multicolor plastic	Lid/ case/ straw (parts style)
15	Translucent plastic	Hair of brush (all styles except parts style)
16	Bright white plastic	Tip of brush (all styles except parts style)
17	Dull silvery metal	Body of brush (all styles except parts style)
18	Silvery plated coppery metal	Ring (all styles except parts style)
19	Silvery metal	Carabiner/ moving part of carabiner/ rivet (all styles except parts style)
20	Dull translucent plastic (PP-co)	Straw (all split straw in PP case styles)
21	Multicolor plastic (wheat fibre + PP-co)	Straw (bamboo fibre split straw in bamboo case – lime style)
22	Multicolor plastic (wheat fibre + PP-co)	Straw (bamboo fibre split straw in bamboo case – blue style)
23	Multicolor plastic (wheat fibre + PP-co)	Straw (parts style)
24	Multicolor plastic (wheat fibre + PP-co)	Straw (parts style)
25	Multicolor plastic (wheat fibre + PP-co)	Straw (parts style)

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SAMPLE PHOTO:





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SAMPLE PHOTO:





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SAMPLE PHOTO:





-End Report-

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