

## TEST REPORT

Test Report #	19H-006031	Date of Report Issue:	August 26, 2019
Date of Sample Received:	August 12, 2019	Pages:	Page 1 of 10

### CLIENT INFORMATION:

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



### SAMPLE INFORMATION:

Description:	WHEAT CUTLERY SET		
Assortment:	7 colors	Purchase Order Number:	316112
SKU No.:	2416	Agent:	Brand New Days
Factory No.:	106720	Country of Origin:	China
Country of Distribution:	United States	Labeled Age Grade:	-
Quantity Submitted:	6 pcs per style	Recommended Age Grade:	-
Testing Period:	08/16/2019 – 08/26/2019	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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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-006031

Page 2 of 10

**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 <sup>#</sup>
PASS	FDA 21 CFR 177.1520, Polypropylene Copolymers (Solvent Extractives Only)
PASS	Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content

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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-006031

Page 3 of 10

**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.	8+9	10+11	12+13	14	15+16	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	<b>100</b>
<b>Conclusion</b>	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.

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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-006031

Page 4 of 10

**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.	8+9	10+11	12+13	14	15+16	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	<b>100</b>
<b>Conclusion</b>	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.

**Remark:**

The specification is quoted from client's requirement.

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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-006031

Page 5 of 10

**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.		1	2	3	4	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
<b>Conclusion</b>		PASS	PASS	PASS	PASS	

Specimen No.		5	6	7	---	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
<b>Conclusion</b>		PASS	PASS	PASS	---	

**Note:**ppb (Parts per billion) =  $\mu\text{g}/\text{kg}$  (Micrograms per kilogram)

NA = Not applicable

LT = Less than

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

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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-006031

Page 6 of 10

**DETAILED RESULTS:****FDA 21 CFR 177.1520, Polypropylene Copolymers (Solvent Extractives Only)**

Test Method: FDA 21 CFR 177.1520

Specimen No.			1	2	RL	Limit
Test Item	Temp.	Duration	Result	Result		
n-Hexane extractive (%)	50°C	2 hours	4.1	4.1	<b>0.4</b>	<b>5.5</b>
Xylene extractive (%)	Reflux	2 hours or until total dissolved	7.0	8.5	<b>1.0</b>	<b>30</b>
<b>Conclusion</b>			PASS	PASS		

Specimen No.			3	4	RL	Limit
Test Item	Temp.	Duration	Result	Result		
n-Hexane extractive (%)	50°C	2 hours	3.7	3.5	<b>0.4</b>	<b>5.5</b>
Xylene extractive (%)	Reflux	2 hours or until total dissolved	7.4	7.8	<b>1.0</b>	<b>30</b>
<b>Conclusion</b>			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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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-006031

Page 7 of 10

**DETAILED RESULTS:****FDA 21 CFR 177.1520, Polypropylene Copolymers**

Test Method: FDA 21 CFR 177.1520

Specimen No.			5	6	RL	Limit
Test Item	Temp.	Duration	Result	Result		
n-Hexane extractive (%)	50°C	2 hours	3.8	4.2	<b>0.4</b>	<b>5.5</b>
Xylene extractive (%)	Reflux	2 hours or until total dissolved	7.5	6.7	<b>1.0</b>	<b>30</b>
<b>Conclusion</b>			PASS	PASS		

Specimen No.			7	---	RL	Limit
Test Item	Temp.	Duration	Result	Result		
n-Hexane extractive (%)	50°C	2 hours	3.7	---	<b>0.4</b>	<b>5.5</b>
Xylene extractive (%)	Reflux	2 hours or until total dissolved	7.3	---	<b>1.0</b>	<b>30</b>
<b>Conclusion</b>			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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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-006031

Page 8 of 10

**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.	8+9	10+11	12+13	14	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	ND	ND	ND	---	<b>90</b>
<b>Conclusion</b>	PASS	PASS	PASS	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 ppm)

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

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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-006031

Page 9 of 10

**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Red/ brown plastic (35% Wheat Fiber, 65% Polypropylene)	Fork/ spoon/ knife (red style)
2	Orange/ brown plastic (35% Wheat Fiber, 65% Polypropylene)	Fork/ spoon/ knife (orange style)
3	Green/ brown plastic (35% Wheat Fiber, 65% Polypropylene)	Fork/ spoon/ knife (green style)
4	Blue/ brown plastic (35% Wheat Fiber, 65% Polypropylene)	Fork/ spoon/ knife (blue style)
5	White/ brown plastic (35% Wheat Fiber, 65% Polypropylene)	Fork/ spoon/ knife (white style)
6	Grey/ brown plastic (35% Wheat Fiber, 65% Polypropylene)	Fork/ spoon/ knife (gray style)
7	Black/ brown plastic (35% Wheat Fiber, 65% Polypropylene)	Fork/ spoon/ knife (black style)
8	Red/ brown plastic	Fork/ spoon/ knife/ case (red style)
9	Orange/ brown plastic	Fork/ spoon/ knife/ case (orange style)
10	Green/ brown plastic	Fork/ spoon/ knife/ case (green style)
11	Blue/ brown plastic	Fork/ spoon/ knife/ case (blue style)
12	White/ brown plastic	Fork/ spoon/ knife/ case (white style)
13	Grey/ brown plastic	Fork/ spoon/ knife/ case (gray style)
14	Black/ brown plastic	Fork/ spoon/ knife/ case (black style)
15	Clear plastic	Case (all styles)
16	White plastic	Holder of cutlery (all styles)

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**SAMPLE PHOTO:**



-End Report-

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