



TEST REPORT

Test Report #	19H-008992	Date of Report Issue:	Decer	mber 16, 2019
Date of Sample Received:	December 3, 2019	Pages:	Page	1 of 15
CLIENT INFORMATION:				
Company:	Hit Promotional Produ	icts		
Recipient:	Nathan Cotter		t <mark>∦</mark> Ω,	
Recipient Email:	ncotter@hitpromo.ne	t		
SAMPLE INFORMATION:				19H-008992
Description:	CUTLERY KIT WITH ST	RAW AND BOTTLE OPENER		
Assortment:	5 colors	Purchase Order Nun	nber:	346166
SKU No.:	2370	Agent:		Growth-Sonic
Factory No.:	127102	Country of Origin:		China
Country of Distribution:	United States	Labeled Age Grade:		-
Quantity Submitted:	5 pcs per style	Recommended Age	Grade:	-
Testing Period:	12/04/2019 – 12/16/2	019 Tested Age Grade:		-

OVERALL RESULT:

 \mathcal{P} 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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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	FDA GRAS Specifications, Total Chromium in Stainless Steel Food Contact Utensils [#]
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 Copolymers
PASS	FDA 21 CFR 177.2600, Rubber

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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+12	13+14	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.	16+17+18	19+20	21	22	23	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.	24					Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND					100
Conclusion	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+11+12	13+14	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.	16+17+18	19+20	21	22	23	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.	24					Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND					100
Conclusion	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:

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.	21					
Test Item	Result (% m/m)	Limit (% m/m)				
Total Chromium (Cr)	17.4					GT 10.5
Conclusion	PASS					

Note: % m/m = Percent by mass GT = Greater than

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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.	1	15	16	17	
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.	18	19	20		
Test Item	CAS No.	Result (ppb)	Result (ppb)	Result (ppb)	Result (ppb)	Limit (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) = $\mu g/kg$ (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:

FDA 21 CFR 177.1210, Closures with Sealing Gaskets

Test Method: FDA 21 CFR 177.1210[#]

Specimen No.			15			
Test Item	Test Co	ndition	Result	Result	RL	Limit
Test Item	Temp.	Duration	(ppm)	(ppm)	(ppm)	(ppm)
Distilled water extractive	120°F	24 hours	ND		10	50
		Conclusion	PASS			

Note:

Temp. = Temperature °F = Degree Fahrenheit ppm (Parts per million) = mg/kg (Milligrams per kilogram foodstuff) 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, Polypropylene Copolymers

Test Method: FDA 21 CFR 177.1520

Specimen No.			1			
Test Item	Temp.	Duration	Result	Result	RL	Limit
Density (g/cc)	NA	NA	0.900		NA	0.85-1.00
n-Hexane extractive (%)	50°C	2 hours	3.2		0.4	5.5
Xylene extractive (%)	Reflux	2 hours or until total dissolved	4.4		1.0	30
		Conclusion	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 177.2600, Rubber

Test Method: FDA 21 CFR 177.2600

Specimen No	16				
Tast Itam	Test Condition		Decult	ы	Lineit
Test Item	Temp.	Duration	Result	RL	Limit
Distilled water extractive (mg/in ²)	Reflux	First	ND	2	20
Distilled water extractive (hig/hi)	Reliux	7 hours		2	20
Distilled water extractive (mg/in ²)	Reflux	Succeeding	ND	0.1	1
Distilled water extractive (ing/iii)	Reliux	2 hours	ND	0.1	Ŧ
Conclusion	PASS				

Specimen No	17				
Test Condition		ondition	Decult	ы	Lineit
Test Item	Temp.	Duration	Result	RL	Limit
Distilled water extractive (mg/in ²)	Reflux	First	ND	2	20
	Reliux	7 hours			20
Distilled water extractive (mg/in ²)	Reflux	Succeeding	ND	0.1	1
2 hours		ND	0.1	Ŧ	
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).

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DETAILED RESULTS:

FDA 21 CFR 177.2600, Rubber

Test Method: FDA 21 CFR 177.2600

Specimen No	18											
Test Item	Test Condition		Result	RL	Lingit							
Test item	Temp.	Duration	Result	KL	Limit							
Distilled water extractive (mg/in ²)	Reflux	First	ND	2	20							
Distilled water extractive (mg/m)	Renux	7 hours		2	20							
Distilled water extractive (mg/in ²)	Doflux	Doflux	Poflux	Poflux	Doflux	Doflux	Boflux	Reflux	Succeeding	0.2	0.1	1
Distilled water extractive (mg/m)	Reliux	2 hours	0.2	0.1	Ŧ							
Conclusion	PASS											

Specimen No	19				
Test Item Test Condition		Pocult	Ы	Linait	
Test Item	Temp. Duration		Result	RL	Limit
Distilled water extractive (mg/in ²)	Reflux	First	ND	2	20
	Reliux	7 hours		2	20
Distilled water extractive (mg/in ²)	Reflux	Succeeding	ND	0.1	1
2 hours		ND	0.1	Ŧ	
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).

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DETAILED RESULTS:

FDA 21 CFR 177.2600, Rubber

Test Method: FDA 21 CFR 177.2600

Specimen No	20				
Tast Itam	Test Condition		Decult	ы	lineit
Test Item	Temp. Duration		Result	RL	Limit
Distilled water extractive (mg/in ²)	Reflux	First	ND	2	20
Distilled water extractive (mg/m)	Reliux	7 hours		2	20
Distilled water extractive (mg/in ²)	Reflux	Succeeding	ND	0.1	1
2 hours		ND	0.1	Ĩ	
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).

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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	White plastic (PP-co)	Fork/ spoon/ knife (all styles)
2	Translucent plastic	Case (all styles)
3	Red plastic	Lid of case (red style)
4	Dull red plastic	Carabiner (red style)
5	Green plastic	Lid of case (green style)
6	Dull green plastic	Carabiner (green style)
7	Blue plastic	Lid of case (blue style)
8	Dull blue plastic	Carabiner (blue style)
9	Black plastic	Lid of case (black style)
10	Dull black plastic	Carabiner (black style)
11	Grey plastic	Lid of case (white style)
12	Dull white plastic	Carabiner (white style)
13	Matt white plastic	Tip of brush (all styles)
14	Transparent plastic	Hair of brush (all styles)
15	Translucent soft plastic (Silicone)	Ring of straw (all styles)
16	Red soft plastic (Silicone)	Mouth protector (red style)
17	Green soft plastic (Silicone)	Mouth protector (green style)
18	Blue soft plastic (Silicone)	Mouth protector (blue style)
19	Black soft plastic (Silicone)	Mouth protector (black style)
20	White soft plastic (Silicone)	Mouth protector (white style)
21	Silvery metal (Stainless Steel)	Straw (all styles)
22	Dull silvery metal	Opener (all styles)
23	Matt silvery metal	Ring of carabiner (all styles)
24	Off silvery metal	Handle of brush (all styles)

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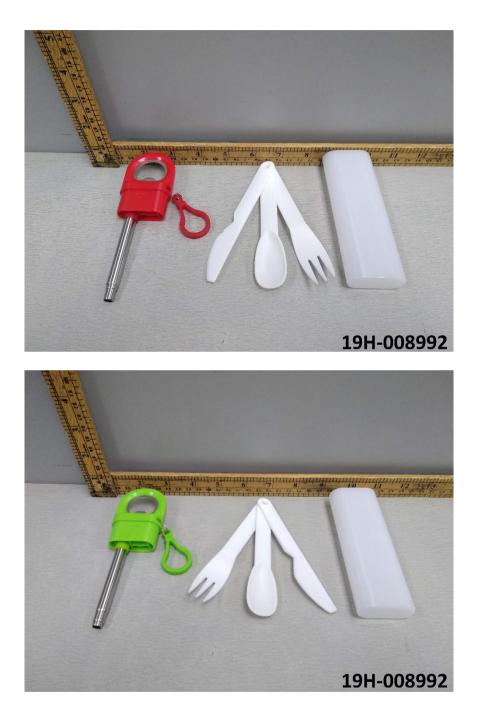
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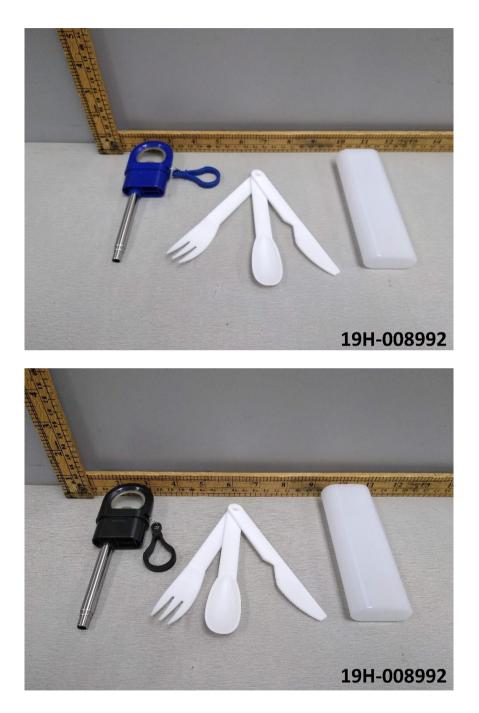
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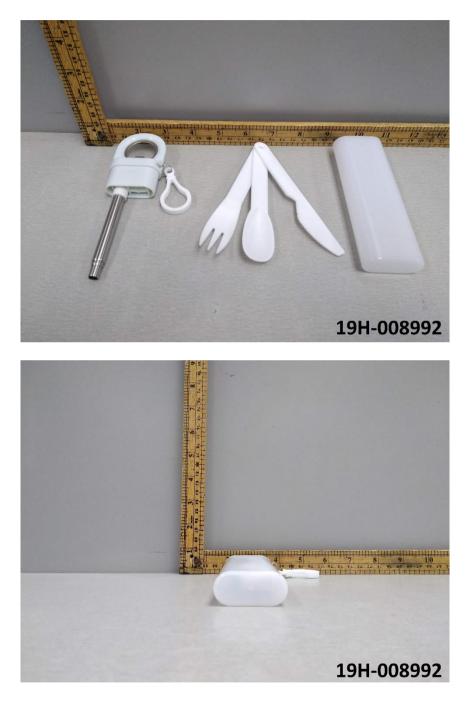
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SAMPLE PHOTO:



-End Report-

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