



# TEST REPORT

Test Report # 18H-006079 Date of Report Issue: August 23, 2018  
 Date of Sample Received: August 10, 2018 Pages: Page 1 of 12

## CLIENT INFORMATION:

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



## SAMPLE INFORMATION:

Description:	GRIP, FLIP & SCOOP SPATULA		
Assortment:	4 colors	Purchase Order Number:	271081
SKU No.:	2189	Agent:	Growth-Sonic
Factory No.:	127840	Country of Origin:	China
Country of Distribution:	United States	Labeled Age Grade:	-
Quantity Submitted:	3 pcs per style	Recommended Age Grade:	-
Testing Period:	08/10/2018 – 08/23/2018	Tested Age Grade:	-

## OVERALL RESULT:

**PASS**

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

ANSECO GROUP (HK) LIMITED

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 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 <sup>#</sup>
PASS	Client's Requirement, Bisphenol A and Bisphenol S <sup>#</sup>
PASS	FDA 21 CFR 177.2600, Rubber



**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	9	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	---	---	<b>100</b>
<b>Conclusion</b>	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.

**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	9	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	---	---	<b>100</b>
<b>Conclusion</b>	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.

**DETAILED RESULTS:****FDA GRAS Specifications, Total Chromium in Stainless Steel Food Contact Utensils**Test Method: In-House Method<sup>#</sup>

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	10	---	---	---	---	Limit (% m/m)
Test Item	Result (% m/m)	Result (% m/m)	Result (% m/m)	Result (% m/m)	Result (% m/m)	
Total Chromium (Cr)	16.6	---	---	---	---	<b>GT 10.5</b>
<b>Conclusion</b>	PASS	---	---	---	---	

*Note:*

% m/m = Percent by mass

GT = Greater than

**DETAILED RESULTS:****Client's Requirement, Bisphenol A and Bisphenol S**

Test Method: In-House Method#  
Analytical Method: Liquid Chromatography with Mass Spectrometry

Specimen No.		5	6	7	8	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	

**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)

**DETAILED RESULTS:****FDA 21 CFR 177.2600, Rubber**

Test Method: FDA 21 CFR 177.2600

Specimen No.			5	RL	Limit
Test Item	Test Condition		Result		
	Temp.	Duration			
Distilled water extractive (mg/in <sup>2</sup> )	Reflux	First 7 hours	ND	<b>2</b>	<b>20</b>
Distilled water extractive (mg/in <sup>2</sup> )	Reflux	Succeeding 2 hours	ND	<b>0.1</b>	<b>1</b>
n-Hexane extractive (mg/in <sup>2</sup> )	Reflux	First 7 hours	ND	<b>15</b>	<b>175</b>
n-Hexane extractive (mg/in <sup>2</sup> )	Reflux	Succeeding 2 hours	0.5	<b>0.4</b>	<b>4</b>
<b>Conclusion</b>			PASS		

**Note:**

Temp. = Temperature

mg/in<sup>2</sup> = 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) and 177.2600 (f).

**DETAILED RESULTS:****FDA 21 CFR 177.2600, Rubber**

Test Method: FDA 21 CFR 177.2600

Specimen No.			6	RL	Limit
Test Item	Test Condition		Result		
	Temp.	Duration			
Distilled water extractive (mg/in <sup>2</sup> )	Reflux	First 7 hours	ND	<b>2</b>	<b>20</b>
Distilled water extractive (mg/in <sup>2</sup> )	Reflux	Succeeding 2 hours	ND	<b>0.1</b>	<b>1</b>
n-Hexane extractive (mg/in <sup>2</sup> )	Reflux	First 7 hours	16.2	<b>15</b>	<b>175</b>
n-Hexane extractive (mg/in <sup>2</sup> )	Reflux	Succeeding 2 hours	1.0	<b>0.4</b>	<b>4</b>
<b>Conclusion</b>			PASS		

**Note:**

Temp. = Temperature

mg/in<sup>2</sup> = 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) and 177.2600 (f).



**DETAILED RESULTS:****FDA 21 CFR 177.2600, Rubber**

Test Method: FDA 21 CFR 177.2600

Specimen No.			7	RL	Limit
Test Item	Test Condition		Result		
	Temp.	Duration			
Distilled water extractive (mg/in <sup>2</sup> )	Reflux	First 7 hours	ND	<b>2</b>	<b>20</b>
Distilled water extractive (mg/in <sup>2</sup> )	Reflux	Succeeding 2 hours	ND	<b>0.1</b>	<b>1</b>
n-Hexane extractive (mg/in <sup>2</sup> )	Reflux	First 7 hours	ND	<b>15</b>	<b>175</b>
n-Hexane extractive (mg/in <sup>2</sup> )	Reflux	Succeeding 2 hours	0.6	<b>0.4</b>	<b>4</b>
<b>Conclusion</b>			PASS		

**Note:**

Temp. = Temperature

mg/in<sup>2</sup> = 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) and 177.2600 (f).

**DETAILED RESULTS:****FDA 21 CFR 177.2600, Rubber**

Test Method: FDA 21 CFR 177.2600

Specimen No.			8	RL	Limit
Test Item	Test Condition		Result		
	Temp.	Duration			
Distilled water extractive (mg/in <sup>2</sup> )	Reflux	First 7 hours	ND	<b>2</b>	<b>20</b>
Distilled water extractive (mg/in <sup>2</sup> )	Reflux	Succeeding 2 hours	ND	<b>0.1</b>	<b>1</b>
n-Hexane extractive (mg/in <sup>2</sup> )	Reflux	First 7 hours	18.2	<b>15</b>	<b>175</b>
n-Hexane extractive (mg/in <sup>2</sup> )	Reflux	Succeeding 2 hours	0.8	<b>0.4</b>	<b>4</b>
<b>Conclusion</b>					

**Note:**

Temp. = Temperature

mg/in<sup>2</sup> = 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) and 177.2600 (f).

**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Green soft plastic	Clip/ sheath/ hander (green style)
2	Blue soft plastic	Clip/ sheath/ hander (blue style)
3	Black soft plastic	Clip/ sheath/ hander (black style)
4	White soft plastic	Clip/ sheath/ hander (white style)
5	Green soft plastic (Silicone)	Clip (green style)
6	Blue soft plastic (Silicone)	Clip (blue style)
7	Black soft plastic (Silicone)	Clip (black style)
8	White soft plastic (Silicone)	Clip (white style)
9	Silvery metal	Hand sheath/ hander/ pin/ spring (all styles)
10	Silvery metal	Hand sheath (all styles)



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**SAMPLE PHOTO:**



-End Report-

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