

## TEST REPORT

Test Report # 19H-007157 Date of Report Issue: October 3, 2019  
Date of Sample Received: September 20, 2019 Pages: Page 1 of 13

### CLIENT INFORMATION:

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



### SAMPLE INFORMATION:

Description:	Bamboo Cutting Board	Purchase Order Number:	335037
Assortment:	3 colors	Agent:	Brand New Days
SKU No.:	2133	Country of Origin:	China
Factory No.:	106815	Labeled Age Grade:	-
Country of Distribution:	United States	Recommended Age Grade:	-
Quantity Submitted:	5 sets	Tested Age Grade:	-
Testing Period:	09/21/2019 – 10/03/2019		

### 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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**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, Phthalate Content (DBP, BBP, DEHP, DnOP, DINP, DIDP)
PASS	Client's Requirement, Bisphenol A and Bisphenol S <sup>#φ</sup>
PASS	FDA 21 CFR 176.170, Components of Paper and Paper Board in Contact with Aqueous and Fatty Food <sup>#</sup>
PASS	FDA 21 CFR 177.2600, Rubber
PASS	FDA 21 CFR 178.3800, Preservatives for Wood – Pentachlorophenol (PCP) <sup>#φ</sup>
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	---	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)					
Total Lead (Pb)	ND	---	---	---	---	<b>100</b>
<b>Conclusion</b>	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	---	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)					
Total Lead (Pb)	ND	---	---	---	---	<b>100</b>
<b>Conclusion</b>	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, Phthalate Content (DBP, BBP, DEHP, DnOP, DINP, DIDP)**

Test Method: CPSC-CH-C1001-09.4  
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1+2+3	---	---	---	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	ND	---	---	---	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	---	---	---	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	---	---	---	1000
Di-n-octyl phthalate (DnOP)	117-84-0	ND	---	---	---	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	---	---	---	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	---	---	---	1000
<b>Conclusion</b>		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 = 300 mg/kg)  
 Composite results are based on specimen of least mass resulting in highest potential concentration.

**DETAILED RESULTS:**

**Client's Requirement, Bisphenol A and Bisphenol S**

Test Method: In-House Method<sup>#φ</sup>  
 Analytical Method: Liquid Chromatography with Mass Spectrometry or  
 Liquid Chromatography with Mass Spectrometry Mass Spectrometry

Specimen No.		1	2	3	---	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) = 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<sup>#</sup>

Specimen No.			4	---	RL (mg/in <sup>2</sup> )	Limit (mg/in <sup>2</sup> )
Test Item	Test Condition		Result (mg/in <sup>2</sup> )	Result (mg/in <sup>2</sup> )		
	Temp.	Duration				
Distilled water extractive	120°F	24 hours	0.32	---	<b>0.10</b>	<b>0.5</b>
n-Heptane extractive	70°F	30 minutes	0.22	---	<b>0.10</b>	<b>0.5</b>
<b>Conclusion</b>			PASS	---		

*Note:*

Temp. = Temperature

°F = Degree Fahrenheit

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 176.170 (c).

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**DETAILED RESULTS:**

**FDA 21 CFR 177.2600, Rubber**

Test Method: FDA 21 CFR 177.2600

Specimen No.			1	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	0.7	<b>0.1</b>	<b>1</b>
n-Hexane extractive (mg/in <sup>2</sup> )	Reflux	First 7 hours	16	<b>15</b>	<b>175</b>
n-Hexane extractive (mg/in <sup>2</sup> )	Reflux	Succeeding 2 hours	0.7	<b>0.4</b>	<b>4</b>
<b>Conclusion</b>			PASS		

Specimen No.			2	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	0.4	<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	0.9	<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).

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**DETAILED RESULTS:**

**FDA 21 CFR 177.2600, Rubber**

Test Method: FDA 21 CFR 177.2600

Specimen No.			3	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	0.7	<b>0.1</b>	<b>1</b>
n-Hexane extractive (mg/in <sup>2</sup> )	Reflux	First 7 hours	16.0	<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).

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**DETAILED RESULTS:**

**FDA 21 CFR 178.3800, Preservatives for Wood – Pentachlorophenol (PCP)**

Test Method: In-House Method<sup>#φ</sup>  
 Analytical Method: Gas Chromatography-Electron Capture Detector

Specimen No.	4	---	---	---	---	Limit (ppm)
Test Item	Result (ppm)					
Pentachlorophenol (PCP)	ND	---	---	---	---	50
<b>Conclusion</b>	PASS	---	---	---	---	

*Note:*  
 ppm (Parts per million) = mg/kg (Milligrams per kilogram)  
 LT = Less than  
 ND = Not detected (Reporting Limit = 1 ppm)

*Remark:*  
 The specification is quoted from 21 CFR 178.3800(b).

**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.	1+2+3	---	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	---	---	---	---	<b>90</b>
<b>Conclusion</b>	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)

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**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Red soft plastic	Handle ring
2	Blue soft plastic	Handle ring
3	Green soft plastic	Handle ring
4	Brown natural wood (bamboo)	Cutting board

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**SAMPLE PHOTO:**



-End Report-

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